

## ARG44851 anti-KIFBP antibody

Package: 50 µg  
Store at: -20°C

### Summary

|                     |                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Mouse Monoclonal antibody recognizes KIFBP                                                                                                                                                                |
| Tested Reactivity   | Hu, Ms                                                                                                                                                                                                    |
| Tested Application  | IHC-P, IP                                                                                                                                                                                                 |
| Host                | Mouse                                                                                                                                                                                                     |
| Clonality           | Monoclonal                                                                                                                                                                                                |
| Isotype             | IgG1                                                                                                                                                                                                      |
| Target Name         | KIFBP                                                                                                                                                                                                     |
| Species             | Human                                                                                                                                                                                                     |
| Epitope             | DTPEAEGEVP ELYHQRKGEI ARCWIKYCLT LMQNAQLSMQ DNIGELDLK QSELRALRKK ELDEEESIRK KAVQFGTGEL CDAISAVEEK VSYLRPLDFE EARELFLLGQ HYVFEAKEFF QIDGYVTDHI                                                             |
| Conjugation         | Un-conjugated                                                                                                                                                                                             |
| Alternate Names     | KIFBP; Kinesin Family Binding Protein; KIAA1279; KBP; KIF1BP; TTC20; Kinesin Binding Protein; KIF1 Binding Protein; KIF-Binding Protein; DKFZP586B0923; Mutant KIF1 Binding Protein; KIF1-Binding Protein |

### Application Instructions

|                   |                                                                                                                                            |          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Application table | Application                                                                                                                                | Dilution |
|                   | IHC-P                                                                                                                                      | 1:200    |
|                   | IP                                                                                                                                         | 1:100    |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |          |

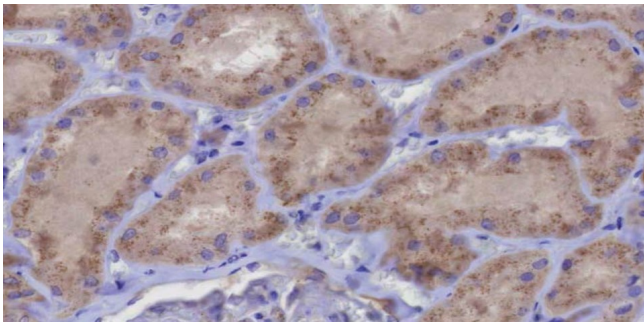
### Properties

|                     |                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                | Liquid                                                                                                                                                                                                                                                                                                                     |
| Purification        | Protein A purification                                                                                                                                                                                                                                                                                                     |
| Buffer              | PBS with 0.09% sodium azide                                                                                                                                                                                                                                                                                                |
| Preservative        | 0.09% sodium azide                                                                                                                                                                                                                                                                                                         |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.                                                                                                                                                                                                                                                       |

Bioinformation

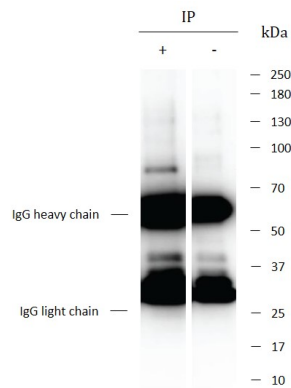
|                       |                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Symbol           | KIFBP                                                                                                                                                                                                                                                                                                                                                    |
| Gene Full Name        | Kinesin Family Binding Protein                                                                                                                                                                                                                                                                                                                           |
| Background            | This gene encodes a kinesin family member 1 binding protein that is characterized by two tetratricopeptide repeats. The encoded protein localizes to the mitochondria and may be involved in regulating transport of the mitochondria. Mutations in this gene are associated with Goldberg-Shprintzen megacolon syndrome. [provided by RefSeq, Mar 2010] |
| Function              | Required for organization of axonal microtubules, and axonal outgrowth and maintenance during peripheral and central nervous system development. [Uniprot]                                                                                                                                                                                               |
| PTM                   | Phosphoprotein. [Uniprot]                                                                                                                                                                                                                                                                                                                                |
| Cellular Localization | Cytoplasm, Cytoskeleton. [Uniprot]                                                                                                                                                                                                                                                                                                                       |

Images



ARG44851 anti-KIFBP antibody IHC-P image

Immunohistochemistry: Human kidney stained with ARG44851 anti-KIFBP antibody at 5  $\mu$ g/mL dilution.



ARG44851 anti-KIFBP antibody IP image

Immunoprecipitation: lysate immunoprecipitated with 2.5  $\mu$ g of ARG44851 anti-KIFBP antibody.