

## ARG44689 anti-KHK antibody

Package: 50 µg  
Store at: -20°C

### Summary

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Product Description | Mouse Monoclonal antibody recognizes KHK         |
| Tested Reactivity   | Hu, Rat                                          |
| Tested Application  | IP, WB                                           |
| Host                | Mouse                                            |
| Clonality           | Monoclonal                                       |
| Isotype             | IgG2b                                            |
| Target Name         | KHK                                              |
| Species             | Human                                            |
| Conjugation         | Un-conjugated                                    |
| Alternate Names     | Hepatic fructokinase; Ketohexokinase; EC 2.7.1.3 |

### Application Instructions

|                   |                                                                                                                                            |          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Application table | Application                                                                                                                                | Dilution |
|                   | IP                                                                                                                                         | 10 µg/mL |
|                   | WB                                                                                                                                         | 1 µg/mL  |
| 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                                                                                                                                                                                                                                                                                                |
| 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.                                                                                                                                                                                                                                                       |

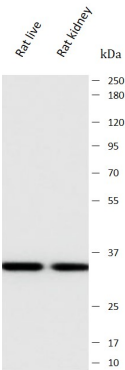
### Bioinformation

|                |                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------|
| Gene Symbol    | KHK                                                                                                 |
| Gene Full Name | ketohexokinase (fructokinase)                                                                       |
| Background     | This gene encodes ketohexokinase that catalyzes conversion of fructose to fructose-1-phosphate. The |

product of this gene is the first enzyme with a specialized pathway that catabolizes dietary fructose. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

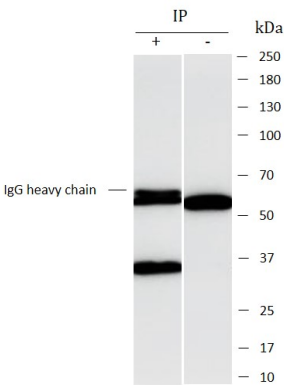
|               |                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------|
| Function      | Catalyzes the phosphorylation of the ketose sugar fructose to fructose-1-phosphate. [UniProt] |
| Calculated Mw | 33 kDa                                                                                        |
| PTM           | The N-terminal may be partly blocked. [UniProt]                                               |

Images



ARG44689 anti-KHK antibody WB image

Western blot: Rat liver lysate, Rat kidney stained with ARG44689 anti-KHK antibody at 1 µg/mL dilution.



ARG44689 anti-KHK antibody IP image

Immunoprecipitation: Rat kidney lysate immunoprecipitated with 2.5 µg of ARG44689 anti-KHK antibody.