

ARG58409 anti-TBCB antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes TBCB |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TBCB |
| Species | Human |
| Immunogen | Recombinant fusion protein corresponding to aa. 1-244 of Human TBCB (NP_001272.2). |
| Conjugation | Un-conjugated |
| Alternate Names | CKAPI; Tubulin-folding cofactor B; Tubulin-specific chaperone B; Cytoskeleton-associated protein CKAPI; CKAP1; Cytoskeleton-associated protein 1; CG22 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | IHC-P | 1:50 - 1:200 |
| | WB | 1:1000 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Mouse brain | |
| Observed Size | 37 kDa | |

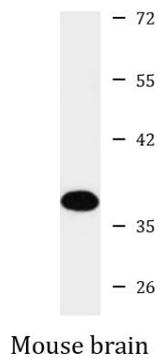
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| 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. 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 | TBCB |
| Gene Full Name | tubulin folding cofactor B |
| Function | Binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer. Involved in regulation of tubulin heterodimer dissociation. May function as a negative regulator of axonal growth. [UniProt] |
| Calculated Mw | 27 kDa |
| PTM | Phosphorylation by PAK1 is required for normal function. Ubiquitinated in the presence of GAN which targets it for degradation by the proteasome. [UniProt] |
| Cellular Localization | Cytoplasm, cytoskeleton. [UniProt] |

Images



ARG58409 anti-TBCB antibody WB image

Western blot: 25 µg of Mouse brain lysate stained with ARG58409 anti-TBCB antibody at 1:3000 dilution.