

FKBP38 Antibody

Rabbit mAb

Catalog # AP92509

Product Information

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|--------------------------|---|
| Application | WB, IF, FC, ICC |
| Primary Accession | Q14318 |
| Reactivity | Human |
| Clonality | Monoclonal |
| Other Names | FKBP 38; Fkbp8; FKBP38; hFKBP38; Rotamase; Sam11; |
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 44562 |

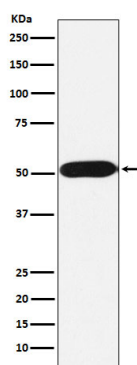
Additional Information

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|-------------------------------------|--|
| Dilution | WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50 |
| Purification | Affinity-chromatography |
| Immunogen | A synthesized peptide derived from human FKBP38 |
| Description | Constitutively inactive PPIase, which becomes active when bound to calmodulin and calcium. Seems to act as a chaperone for BCL2, targets it to the mitochondria and modulates its phosphorylation state. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

Protein Information

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|--------------------------|--|
| Name | FKBP8 |
| Synonyms | FKBP38 |
| Function | Constitutively inactive PPIase, which becomes active when bound to calmodulin and calcium. Seems to act as a chaperone for BCL2, targets it to the mitochondria and modulates its phosphorylation state. The BCL2/FKBP8/calmodulin/calcium complex probably interferes with the binding of BCL2 to its targets. The active form of FKBP8 may therefore play a role in the regulation of apoptosis. Involved in the inhibition of viral infection by influenza A viruses (IAV) (PubMed: 28169297). |
| Cellular Location | Mitochondrion. Mitochondrion membrane; Single-pass membrane protein; Cytoplasmic side [Isoform 3]; Mitochondrion membrane; Single-pass membrane protein; Cytoplasmic side |
| Tissue Location | Widely expressed. Highest levels seen in the brain. Highly abundant in the retina. |

Images



Western blot analysis of FKBP38 expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.