

FKBP38 Antibody
Rabbit mAb
Catalog # AP92509**Specification**

FKBP38 Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	Q14318
Clonality	Monoclonal
Other Names	
FKBP 38; Fkbp8; FKBPR38; hFKBP38; Rotamase; Sam11;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	44562 Da

FKBP38 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50 ICC~~N/A
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.

FKBP38 Antibody - Protein Information**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

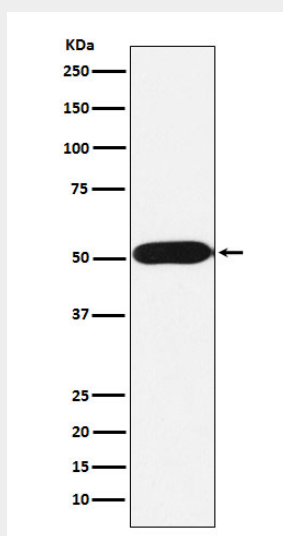
Tissue Location

Widely expressed. Highest levels seen in the brain. Highly abundant in the retina.

FKBP38 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FKBP38 Antibody - Images

Western blot analysis of FKBP38 expression in Jurkat cell lysate.