10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-FKBP38 Rabbit Monoclonal Antibody

Catalog # ABO15927

Specification

Anti-FKBP38 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IF, ICC, FC**
Primary Accession	Q14318
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Human**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-FKBP38 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Anti-FKBP38 Rabbit Monoclonal Antibody - Additional Information

Gene ID 23770

Other Names
Peptidyl-prolyl cis-trans isomerase FKBP8, PPIase FKBP8, 5.2.1.8, 38 kDa FK506-binding protein, 38 kDa FKBP, FKBP-38, hFKBP38, FK506-binding protein 8, FKBP-8, FKBPR38, Rotamase, FKBP8, FKBP38

Calculated MW
52 kDa KDa

Application Details
WB 1:500-1:2000
ICC/IF 1:50-1:200
FC 1:50

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human FKBP38

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-FKBP38 Rabbit Monoclonal Antibody - 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

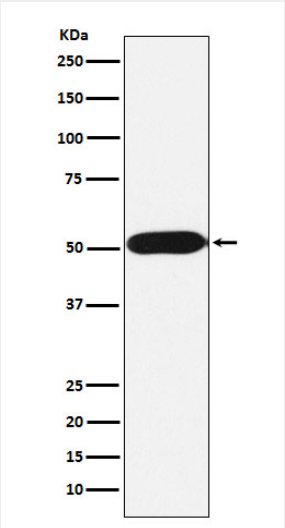
Tissue Location
Widely expressed. Highest levels seen in the brain. Highly abundant in the retina.

Anti-FKBP38 Rabbit Monoclonal 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 Cytomety
- Cell Culture

Anti-FKBP38 Rabbit Monoclonal Antibody - Images



Western blot analysis of FKBP38 expression in Jurkat cell lysate.