

FKBP8 / FKBP38 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2768a**Specification**

FKBP8 / FKBP38 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q14318
Other Accession	NP_036313.3 , 23770 , 14232 (mouse) , 290652 (rat)
Predicted Host	Human, Mouse, Rat, Dog, Cow
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	44562

FKBP8 / FKBP38 Antibody (internal region) - 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, FKBP38, Rotamase, FKBP8, FKBP38

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FKBP8 / FKBP38 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

FKBP8 / FKBP38 Antibody (internal region) - 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.

FKBP8 / FKBP38 Antibody (internal region) - 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](#)

FKBP8 / FKBP38 Antibody (internal region) - Images**FKBP8 / FKBP38 Antibody (internal region) - References**

Interaction of presenilins with FKBP38 promotes apoptosis by reducing mitochondrial Bcl-2. Wang HQ, Nakaya Y, Du Z, Yamane T, Shirane M, Kudo T, Takeda M, Takebayashi K, Noda Y, Nakayama KI, Nishimura M. Hum Mol Genet. 2005 Jul 1;14(13):1889-902. Epub 2005 May 19. PMID: 15905180