

Anti-FKBP38 / FKBP8 Antibody (aa42-276)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17895

Product Information

Application	IHC-P
Primary Accession	Q14318
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	44562
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	23770
Alias Symbol	FKBP8
Other Names	FKBP8, 38 kDa FKBP, 38 kDa FK506-binding protein, FKBP-8, FK506-binding protein 8, FKBP38, HFKBP38, FKBP-38, Rotamase, FK506 binding protein 8, 38kDa, FK506-binding protein 8 (38kD), FKBP38, PPIase FKBP8
Target/Specificity	Human FKBP38 / FKBP8
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-FKBP38 / FKBP8 Antibody (aa42-276) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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