

Anti-FKBP8 antibody



Description	Unconjugated Rabbit polyclonal to FKBP8
Model	STJ192156
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	23770
Gene Symbol	FKBP8
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	FKBP8 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed. Highest levels seen in the brain. Highly abundant in the retina.
Purification	FKBP8 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP8 PPIase FKBP8 38 kDa FK506-binding protein 38 kDa FKBP FKBP-38 hFKBP38 FK506-binding protein 8 FKBP-8 FKBP38 Rotamase
Molecular Weight	45 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:37240 MIM:604840
Alternative Names	Peptidyl-prolyl cis-trans isomerase FKBP8 PPIase FKBP8 38 kDa FK506-binding protein 38 kDa FKBP FKBP-38 hFKBP38 FK506-binding protein 8 FKBP-8 FKBP38 Rotamase
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.
Cellular Localization	Mitochondrion Mitochondrion membrane Isoform 1: Mitochondrion membrane Isoform 3: Mitochondrion membrane
Post-translational Modifications	Ubiquitinated by PRKN during mitophagy, leading to its degradation and enhancement of mitophagy. Deubiquitinated by USP30.

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