

Datasheet for ABIN1714762
anti-FKBP8 antibody (AA 311-412)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FKBP8
Binding Specificity:	AA 311-412
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FKBP38/FKBP8
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	FKBP8
Alternative Name:	FKBP38/FKBP8 (FKBP8 Products)

Target Details

Background: Synonyms: 38 kDa FK 506 binding protein homolog, 38 kDa FK506-binding protein, 38 kDa FKBP, 38 kDa, FK506 binding protein 8, FK506 binding protein 8, 38 kDa, FK506 binding protein, 38 kDa, FK506-binding protein 8, FKBP 38, FKBP-38, FKBP-8, FKBP8, FKBP8_HUMAN, FKBP8, hFKBP8, Peptidyl-prolyl cis-trans isomerase FKBP8, PPIase FKBP8, Rotamase, Sam11.

Background: FKBP8 is an immunophilin family member lacking PPIase/rotamase activity that influences immunoregulation, protein folding and trafficking in neurons associated with memory function. The FKBP8 form derives from a truncated ORF. Presenilin 1 and 2 form molecular complexes with and promote degradation of FKBP8, and sequester these proteins in ER/Golgi, thereby inhibiting FKBP8-mediated, γ -secretase-independent, mitochondrial targeting of Bcl-2. FKBP8 present in the central nervous system can antagonize hedgehog (HH) signaling, where HH is critical for patterning and growth of many tissues in the developing embryo. Mouse FKBP8 mRNA is present in neurons and glial cells and appears more pronounced in neurons associated with the hippocampal formation in adult mouse brains.

Gene ID: 23770

Pathways: [Autophagy](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 μ g/ μ L

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months