

Datasheet for ABIN872850  
**anti-FKBP8 antibody (AA 255-350)**



[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FKBP8
Binding Specificity:	AA 255-350
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, 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
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Horse,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	FKBP8
---------	-------

## Target Details

Alternative Name:	FKBP38 ( <a href="#">FKBP8 Products</a> )
Background:	<p>Synonyms: 38 kDa FK 506 binding protein homolog, 38 kDa FK506-binding protein, 38 kDa FKBP, 38 kDa antibody 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, hFKBP38, Peptidyl-prolyl cis-trans isomerase FKBP8, PPIase FKBP8, Rotamase, Sam11.</p> <p>Background: 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. Homomultimers or heteromultimers (Potential). Forms heterodimer with calmodulin. When activated by calmodulin and calcium, interacts with the BH4 domain of BCL2 and weakly with BCLX isoform Bcl-X(L). Does not bind and inhibit calcineurin. Interacts with HCV NS5A. Interacts with ZFYVE27, may negatively regulate ZFYVE27 phosphorylation. Tissue specificity: Widely expressed. Highest levels seen in the brain.</p>
Gene ID:	23770
Pathways:	<a href="#">Autophagy</a>

## 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
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
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