Datasheet for ABIN897305

anti-FKBP8 antibody (AA 255-350) (AbBy Fluor® 488)

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Overview

Quantity:	100 µL
Target:	FKBP8
Binding Specificity:	AA 255-350
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP8 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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
Alternative Name:	FKBP38 (FKBP8 Products)

Target Details

Background:	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, FKBPR38, hFKBP38, Peptidyl-prolyl cis-trans isomerase FKBP8, PPIase FKBP8, Rotamase, Sam11. 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.
Gene ID:	23770
Pathways:	Autophagy

Application Details

Application Notes:	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:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months