

Datasheet for ABIN233735

anti-FKBP8 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	FKBP8
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	FKBP8 Antibody
Immunogen:	<p>Immunogen: This protein A purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human FKBP8 protein.</p> <p>Immunogen Type: Conjugated Peptide</p>
Isotype:	IgG
Cross-Reactivity (Details):	This antibody is specific for human FKBP8 protein.
Characteristics:	Synonyms: rabbit anti-FKBP8 Antibody, FKBP 8, FKBP-38, 38 kDa FK 506 binding protein homolog antibody, 38 kDa antibody, FK506 binding protein 8 antibody, FKBP 38 antibody
Purification:	This product was protein A purified from monospecific antiserum by immunoaffinity chromatography using protein A coupled to agarose beads.

Product Details

Sterility: Sterile filtered

Target Details

Target: FKBP8

Alternative Name: FKBP8 ([FKBP8 Products](#))

Background: Background: This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI). FKBP8 (also known as FK506-binding protein 38) is a member of the immunophilin family that has been implicated to play an important role in apoptosis through its involvement in the mechanism that targets Bcl-2 and Bcl-xL to the outer mitochondrial membrane (OMM). Suppression of endogenous FKBP8 by RNAi or transfection of a mutant FKBP8 missing the transmembrane domain necessary for mitochondrial insertion, resulted in the translocation of Bcl-2 and Bcl-xL from the OMM to the cytosol. It has also been suggested that FKBP8 may play a role in the regulation of apoptosis. Anti-FKBP8 Antibody is useful for researchers interested in HIV, Cancer, and Metabolism of protein research.

Gene ID: 23770, 52630440

UniProt: [Q14318](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Immunohistochemistry Dilution: User Optimized
Application Note: This protein A purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 64 kDa in size corresponding to FKBP8 by western blotting in the appropriate cell lysate or extract.
Western Blot Dilution: 1:500 - 1:2,000
ELISA Dilution: 1:25,000
Other: User Optimized

Restrictions: For Research Use only

Handling

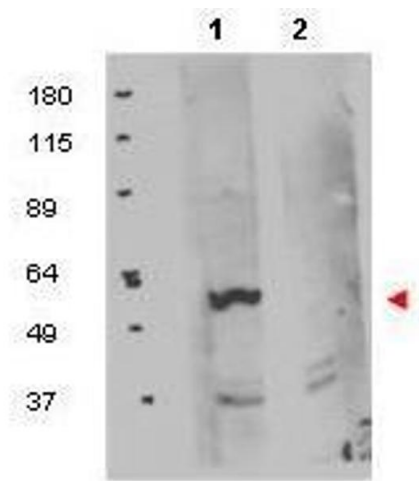
Format: Liquid

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Handling

	Stabilizer: None
	Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot using protein A purified anti-FKBP8 antibody shows detection of exogenous FKBP8 in 50 µg of HEK293T whole cell lysate (lane 1). The results of peptide competition are shown in lane 2 where no specific staining is noted after the antibody is first incubated for 1h with the immunizing peptide in 5% BLOTTO prior to reaction with the membrane. The membrane was probed with the primary antibody at a 1:1,000 dilution in 5% BLOTTO at 4° C, overnight. Personal Communication, Olga Aprelikova, CCR-NCI, Bethesda, MD.