

Datasheet for ABIN6992004 **anti-FKBP1A antibody**



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Overview

Quantity:	0.1 mg
Target:	FKBP1A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	FKBP12 antibody was raised against an 18 amino acid peptide near the center of human FKBP12. The immunogen is located within the first 50 amino acids of FKBP12.
Isotype:	IgG
Specificity:	FKBP12 antibody is human, mouse and rat reactive.
Purification:	FKBP12 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	FKBP1A
Alternative Name:	FKBP12 (FKBP1A Products)
Background:	FKBP, or FK506 binding protein, is a family of proteins that have prolyl isomerase activity and are related to the cyclophilins in function (1). FKBP12, also called FKBP1, was originally identified as a target of FK506 and rapamycin activity and catalyzes the transition between cis

Target Details

and transproline residues critical for proper folding of proteins (2). FKBP12 is an abundant, evolutionarily conserved cytoplasmic protein that is an important regulator of diverse array of cellular processes including T cell activation, entry into the cell cycle and intracellular calcium release (3-5).

Molecular Weight:	Predicted: 12 kDa
	Observed: 12 kDa
Gene ID:	2280
NCBI Accession:	NP_463460
UniProt:	P62942
Pathways:	Negative Regulation of Transporter Activity , Methionine Biosynthetic Process

Application Details

Application Notes:	FKBP12 antibody can be used for detection of FKBP12 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunocytochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	FKBP12 Antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C
Storage Comment:	FKBP12 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.