

Rabbit FKBP12 Polyclonal Antibody | anti-FKBP1A antibody

FKBP12 Antibody

CATALOG # AAA40769	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
------------------------------	-----------------------	--	---

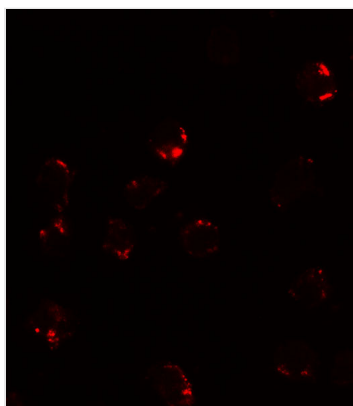
PRODUCT SYNONYMS

FKBP12; Polyclonal Antibody; FKBP12 Antibody; FKBP1; PKC12; PKC12; PPIASE; FKBP-12; FKBP-1A; Peptidyl-prolyl cis-trans isomerase FKBP1A; 12 kDa FK506-binding protein; PPIase FKBP1A; FK506 binding protein 1A; 12kDa; anti-FKBP1A antibody

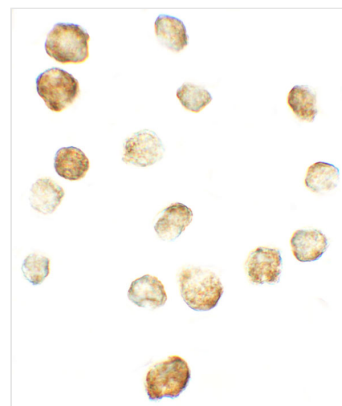
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FKBP12 antibody is human, mouse and rat reactive.
Purity/Purification	FKBP12 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	108
Applicable Applications for anti-FKBP1A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FKBP12 antibody was raised against an 18 amino acid peptide near the center of human FKBP12.
Buffer	FKBP12 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FKBP12 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

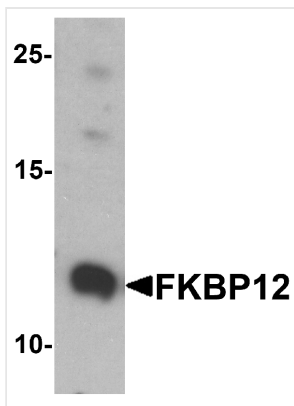
IMAGES


IF (Immunofluorescence)

Immunofluorescence of FKBP12 in A431 cells with FKBP12 antibody at 20 &#956;g/mL.


ICC (Immunocytochemistry)

Immunocytochemistry of FKBP12 in A431 cells with FKBP12 antibody at 5 &#956;g/mL.



WB (Western Blot)
Western blot analysis of FKBP12 in A431 cell lysate with FKBP12 antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP1A antibody	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 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).
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	17149836
NCBI GeneID	2280
NCBI Accession #	NP_463460
NCBI GenBank Nucleotide #	NM_054014.3
UniProt Accession #	P62942; P20071; Q4VC47; Q6FGD9; Q6LEU3; Q9H103; Q9H566; D3DVW6
Molecular Weight	Predicted: 12 kDa Observed: 12 kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP1A isoform a
NCBI Official Synonym Full Names	FK506 binding protein 1A, 12kDa
NCBI Official Symbol	FKBP1A
NCBI Official Synonym Symbols	FKBP1; PKC12; PKC12; FKBP12; PPIASE; FKBP-12; FKBP-1A
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP1A; rotamase; 12 kDa FKBP; calstabin 1; calstabin-1; FKBP12-Exip3; PPIase FKBP1A; immunophilin FKBP12; FK506 binding protein12; FK506-binding protein 1; FK506-binding protein 12; 12 kDa FK506-binding protein; protein kinase C inhibitor 2; FK506-binding protein 1A (12kD); FK506-binding protein, T-cell, 12-kD
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP1A
UniProt Gene Name	FKBP1A
UniProt Synonym Gene Names	FKBP1; FKBP12; PPIase FKBP1A; 12 kDa FKBP; FKBP-12; FKBP-1A
UniProt Entry Name	FKB1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

