

Rabbit FKBP12 Monoclonal Antibody | anti-FKBP12 antibody

FKBP12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312469	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

FKBP12; Monoclonal Antibody; FKBP12 Antibody; 12 kDa FK506-binding protein antibody; 12 kDa FKBP antibody; Calstabin 1 antibody; FK506 binding protein 1 antibody; FK506 binding protein 12 antibody; FK506 binding protein 1A (12kD) antibody; FK506 binding protein 1A 12kDa antibody; FK506 binding protein 1A antibody; FK506 binding protein T cell 12 kD antibody; FK506 binding protein; T cell; 12 kD antibody; FK506 binding protein12 antibody; FK506-binding protein 1A antibody; FKB1A_HUMAN antibody; FKBP 12 antibody; FKBP 1A antibody; FKBP-12 antibody; FKBP-1A antibody; FKBP1 antibody; FKBP12 antibody; FKBP12 Exip3 antibody; FKBP12C antibody; fkbp1a antibody; Immunophilin FKBP12 antibody; Peptidyl prolyl cis trans isomerase antibody; Peptidyl-prolyl cis-trans isomerase FKBP1A antibody; PKC12 antibody; PKC12 antibody; PPlase antibody; PPlase FKBP1A antibody; Protein kinase C inhibitor 2 antibody; Rotamase antibody; anti-FKBP12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JM11-09
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FKBP12 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



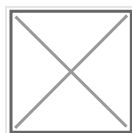
ICC (Immunocytochemistry)

ICC staining FKBP12 in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



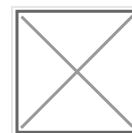
ICC (Immunocytochemistry)

ICC staining FKBP12 in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining FKBP12 in A431 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of FKBP12 on different cell lysates using anti-FKBP12 antibody at 1/500 dilution. Positive control: Line 1: SH-SY5Y Line 2: V937

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP12 antibody	Immunophilins are a highly conserved family of cis-trans peptidyl-prolyl isomerases which bind to and mediate the effects of immunosuppressive drugs such as Cyclosporin, FK506 and Rapamycin. FKBP12.6, also known as FK506-binding protein 1B, is a 108 amino acid immunophilin belonging to the FKBP-type PPIase family. Subcellularly localized to the cytoplasm, FKBP12.6 binds to RyR in cardiac muscle sarcoplasmic reticulum and possibly plays a unique physiological role in excitation-contraction coupling in cardiac muscle. FKBP12.6 also catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Ubiquitously expressed, FKBP12.6 is found at highest levels in brain and thymus. FKBP12.6 is expressed as two isoforms produced by alternative splicing.
Product Categories/Family for anti-FKBP12 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	51702264
NCBI GeneID	2280
UniProt Accession #	P62942; P20071; Q4VC47; Q6FGD9; Q6LEU3; Q9H103; Q9H566; D3D VW6
Molecular Weight	108
NCBI Official Full Name	Peptidyl-prolyl cis-trans isomerase FKBP1A
NCBI Official Synonym Full Names	FK506 binding protein 1A, 12kDa
NCBI Official Symbol	FKBP1A
NCBI Official Synonym Symbols	FKBP1; PKC12; PKCI2; 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; protei
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fkbp12-antibody-clone-jm11-09-immunofluorescence-immunocytochemistry-western-blot-elisa/312469>