

Rabbit FKBP1A Polyclonal Antibody | anti-FKBP1A antibody

FKBP1A Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296692	Rabbit	Human, Mouse Predicted Reactivity: Bovine, Rabbit	Immunohistochemistry, Flow Cytometry, Functional Assay, Western Blot

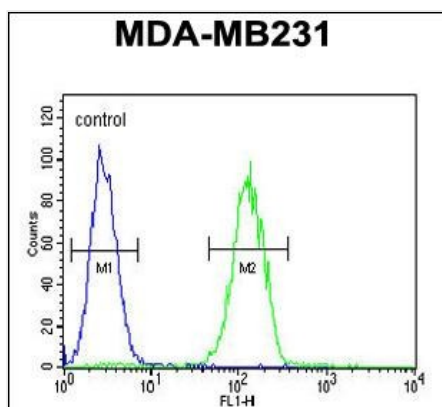
PRODUCT SYNONYMS

FKBP1A; Polyclonal Antibody; FKBP1A Antibody (N-term); Peptidyl-prolyl cis-trans isomerase FKBP1A; PPIase FKBP1A; 12 kDa FK506-binding protein; 12 kDa FKBP; FKBP-12; Calstabin-1; FK506-binding protein 1A; FKBP-1A; Immunophilin FKBP12; Rotamase; FKBP1; FKBP12; anti-FKBP1A antibody

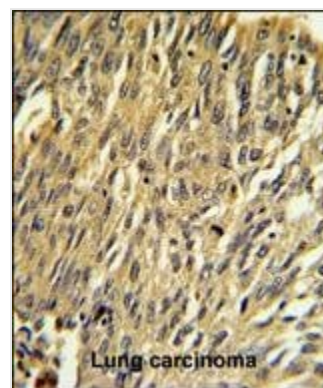
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Bovine, Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This FKBP1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human FKBP1A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-FKBP1A antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Antigen Region	1-30
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

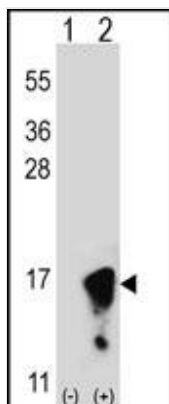
IMAGES


FCM/FACS (Flow Cytometry)

Dilution: FC: 1:10~50FKBP1A Antibody (N-term) (Cat. #AAA296692) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

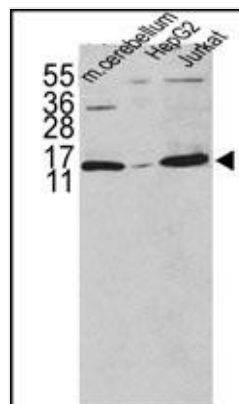

IHC (Immunohistochemistry)

Dilution: IHC-P: 1:50~100



WB (Western Blot)

Dilution: WB 1:1000 Western blot analysis of FKBP1A (arrow) using rabbit polyclonal FKBP1A Antibody (N-term) (Cat. #AAA296692). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FKBP1A gene.



WB (Western Blot)

Dilution: WB 1:1000 Western blot analysis of FKBP1A antibody (N-term) (Cat. #AAA296692) in mouse cerebellum tissue lysates, HepG2 and Jurkat cell line lysates (35ug/lane). FKBP1A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP1A antibody	FKBP12 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. The protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It interacts with several intracellular signal transduction proteins including type I TGF-beta receptor. It also interacts with multiple intracellular calcium release channels, and coordinates multi-protein complex formation of the tetrameric skeletal muscle ryanodine receptor. In mouse, deletion of this homologous gene causes congenital heart disorder known as noncompaction of left ventricular myocardium.
Product Categories/Family for anti-FKBP1A antibody	Primary Antibodies ; Immunology
References	Gerard, M., J. Neurochem. 106 (1), 121-133 (2008)Shor, B., Cancer Res. 68 (8), 2934-2943 (2008)Jayaraman, T., J. Biol. Chem. 267 (14), 9474-9477 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503725
NCBI GeneID	2280
NCBI Accession #	NP_000792.1 ; NP_463460.1
NCBI GenBank Nucleotide #	NM_000801.4
UniProt Accession #	P62942 ; P62943 ; P26883 ; P18203
Molecular Weight	11,951 Da
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; 12 kDa FK506-binding protein; 12 kDa FKBP; FK506 binding protein12; FK506-binding protein 1; FK506-binding protein 12; FK506-binding protein 1A (12kD); FK506-binding protein, T-cell, 12-kD; FKBP12-Exip3; PPIase
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

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/polyclonal/fkbp1a-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/296692>