

Rabbit FKBP1A Polyclonal Antibody | anti-FKBP1A antibody

FKBP1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170418	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

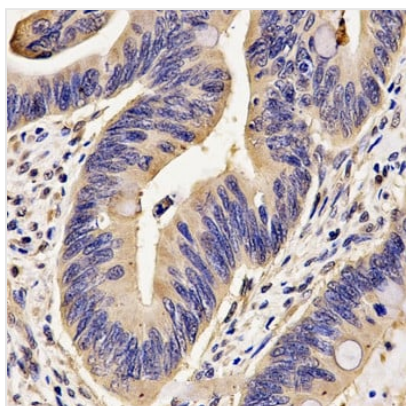
PRODUCT SYNONYMS

FKBP1A; Polyclonal Antibody; FKBP1A Antibody; FKBP1; PKC12; PKC12; FKBP12; PPIASE; FKBP-12; FKBP-1A; anti-FKBP1A antibody

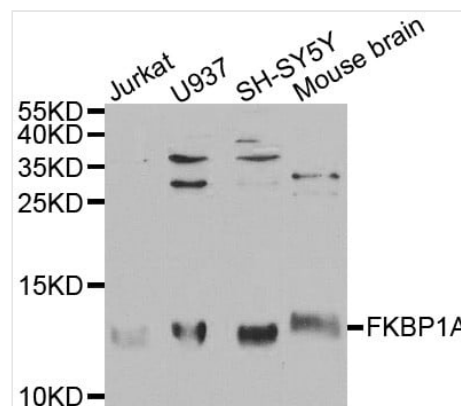
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	108
Applicable Applications for anti-FKBP1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human FKBP1A
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6173 / sc-6174 / sc-131521 / sc-28814
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectal cancer using FKBP1A antibody at dilution of 1:200 (x400 lens)


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FKBP1A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP1A antibody	The protein encoded by this gene 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. Multiple alternatively spliced variants, encoding the same protein, have been identified. The human genome contains five pseudogenes related to this gene, at least one of which is transcribed. [provided by RefSeq, Sep 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49457332
NCBI GeneID	2280
UniProt Accession #	P62942; P20071; Q4VC47; Q6FGD9; Q6LEU3; Q9H103; Q9H566; D3DVW6
Molecular Weight	11,951 Da
NCBI Official Full Name	FKBP1A
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 FKBP1A; calstabin 1; calstabin-1; immunophilin FKBP12; protein kinase C inhibitor 2; rotamase
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/polyclonal/fkbp1a-antibody-immunohistochemistry-western-blot-elisa/170418>