

Rabbit FKBP1B Polyclonal Antibody | anti-FKBP1B antibody

FKBP1B Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281652	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

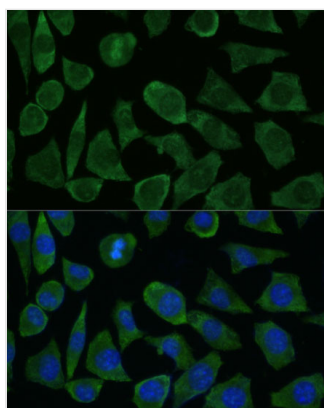
PRODUCT SYNONYMS

FKBP1B; Polyclonal Antibody; FKBP1B Rabbit pAb; FKBP12.6; FKBP1L; OTK4; PKBP1L; PPlase; anti-FKBP1B antibody

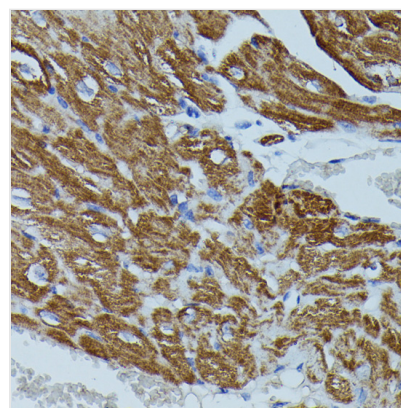
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MGVEIETISP GDGRTFPKKG QTCVVHYTGM LQNGKKFDSS RDRNKPFR IGKQEVIGF EEGAAQLGPL SPLICPHPC
Applicable Applications for anti-FKBP1B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-80 of human FKBP1B (NP_473374.1).
Cellular Location	Cytoplasm, Sarcoplasmic reticulum
Positive Samples	22Rv1, Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

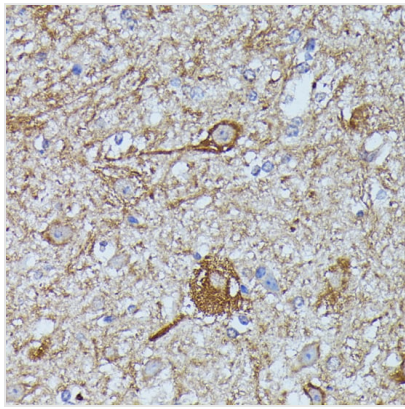
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using FKBP1B Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

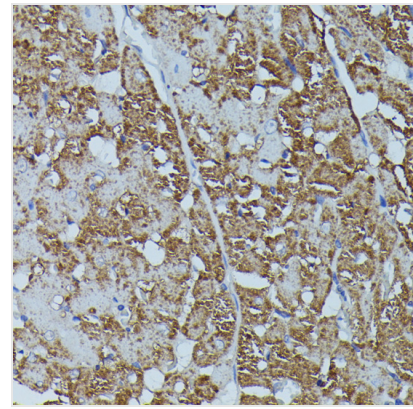

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using FKBP1B antibody at dilution of 1:100 (40x lens).



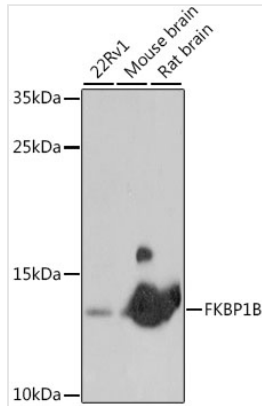
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spinal cord using FKBP1B antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using FKBP1B antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FKBP1B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP1B antibody

Background: 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. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle. There are two alternatively spliced transcript variants of this gene encoding different isoforms.

Product Categories/Family for anti-FKBP1B antibody

Neuroscience; Calcium Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758380
NCBI GeneID	2281
NCBI Accession #	NP_004107.1
NCBI GenBank Nucleotide #	NM_004116.3
UniProt Accession #	P68106; Q13664; Q16645; Q53TM2; Q9BQ40
Molecular Weight	8,802 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP1B isoform a

NCBI Official Synonym Full Names	FK506 binding protein 1B, 12.6 kDa
NCBI Official Symbol	FKBP1B
NCBI Official Synonym Symbols	OTK4; FKBP1L; PKBP1L; PPlase; FKBP12.6
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP1B; 12.6 kDa FK506-binding protein; 12.6 kDa FKBP; FK506-binding protein 12.6; FK506-binding protein 1B; FKBP-12.6; FKBP-1B; PPlase FKBP1B; calstabin 2; h-FKBP-12; immunophilin FKBP12.6; rotamase
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP1B
UniProt Gene Name	FKBP1B
UniProt Synonym Gene Names	FKBP12.6; FKBP1L; FKBP9; OTK4; PPlase FKBP1B; 12.6 kDa FKBP; FKBP-12.6; FKBP-1B
UniProt Entry Name	FKB1B_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/fkbp1b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281652>