

FKBP1B Polyclonal Antibody

Catalog No: #29825

Package Size: #29825-1 50ul #29825-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

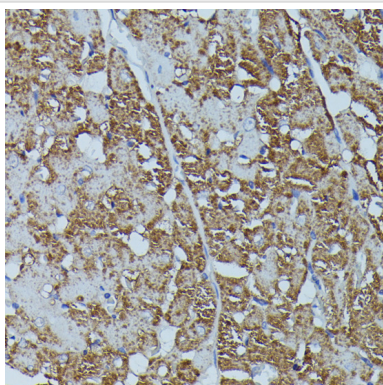
Description

Product Name	FKBP1B Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human FKBP1B (NP_473374.1).
Other Names	FKBP1B; FKBP12.6; FKBP1L; OTK4; PKBP1L; PPlase; FK506 binding protein 1B
Accession No.	Swiss-Prot#:P68106NCBI Gene ID:2281
Uniprot	P68106
GeneID	2281;
Calculated MW	13kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

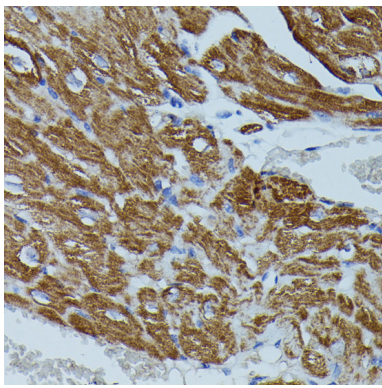
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:100IF□1:50 - 1:100

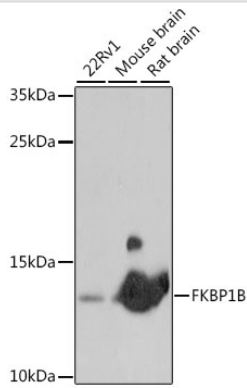
Images



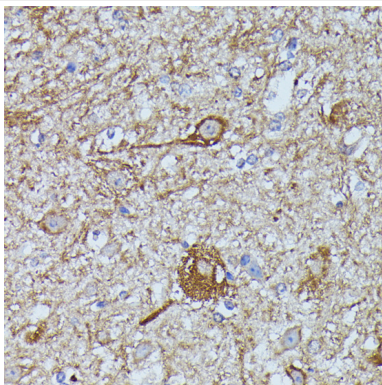
Immunohistochemistry of paraffin-embedded rat heart using FKBP1B at dilution of 1:100 (40x lens).



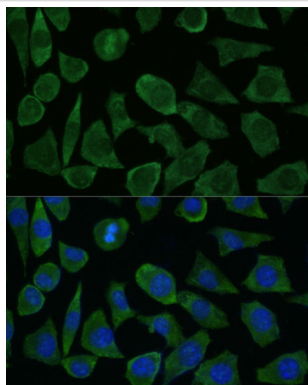
Immunohistochemistry of paraffin-embedded mouse heart using FKBP1B at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using FKBP1B at 1:1000 dilution.



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



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

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.

Note: This product is for in vitro research use only