

# FKBP1B Polyclona Antibody

Cat No.:ES16392

For research use only

## Overview

Product Name	FKBP1B Polyclona Antibody
Host species	Rabbit
Applications	IHC; ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	IHC-p 1:50-200, ELISA(peptide)1:5000-20000
Immunogen	Synthesized peptide derived from human FKBP1B AA range: 35-85
Specificity	This antibody detects endogenous levels of human FKBP1B
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	FKBP1B
Gene Name	FKBP1B FKBP12.6 FKBP1L FKBP9 OTK4
Cellular localization	Cytoplasm . Sarcoplasmic reticulum .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	2281
Human Swiss-Prot Number	P68106
Alternative Names	Peptidyl-prolyl cis-trans isomerase FKBP1B (PPIase FKBP1B;EC 5.2.1.8;12.6 kDa FK506-binding protein;12.6 kDa FKBP;FKBP-12.6;FK506-binding protein 1B;FKBP-1B;Immunophilin FKBP12.6;Rotamase;h-FKBP-12)
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. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

