



Anti-FKBP1B (full length) polyclonal antibody (DPAB-DC1002)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	FKBP1B (AAH02614, 1 a.a. ~ 80 a.a) full-length recombinant protein with GST tag. The sequence is MGVEIETISPGDGRTFPKKGQTCVVHYTGMLQNGKKFDSSDRNKPFRIGKQEVIGKF EEGAAQLGPLSPLPICPHPC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FKBP1B FK506 binding protein 1B, 12.6 kDa [Homo sapiens (human)]
Official Symbol	FKBP1B
Synonyms	FKBP1B; FK506 binding protein 1B, 12.6 kDa; OTK4; FKBP1L; PKBP1L; PPIase; FKBP12.6; peptidyl-prolyl cis-trans isomerase FKBP1B; FKBP-1B; rotamase; FKBP-12.6; h-FKBP-12; calstabin 2; 12.6 kDa FKBP; PPIase FKBP1B; immunophilin FKBP12.6; FK506-binding protein 1B; FK506-binding protein 12.6; 12.6 kDa FK506-binding protein;
Entrez Gene ID	2281
Protein Refseq	NP_004107
UniProt ID	P68106
Chromosome Location	2p23.3
Pathway	Integrated Pancreatic Cancer Pathway;
Function	FK506 binding; calcium channel inhibitor activity; cyclic nucleotide binding; ion channel binding