

DNAxPAb

Hard-to-Find  
Antibody

## FKBP1A DNAxPab

Catalog # H00002280-W01P

Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FKBP1A DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MGVQVETISPGDGRTFPKRGQTCVVHYTGMLEDGKKFDSSRDRNKPFKFMLGKQEVIRGWEEG VAQMSVGQRAKL TISPDYAYGATGHPGIIPPHATLVFDVELLKLE
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — FKBP1A

**Entrez GeneID** [2280](#)

**GeneBank Accession#** [NM\\_000801.2](#)

**Protein Accession#** [NP\\_000792.1](#)

**Gene Name** FKBP1A

**Gene Alias** FKBP-12, FKBP1, FKBP12, FKBP12C, PKC12, PKC12, PPIASE

**Gene Description** FK506 binding protein 1A, 12kDa

**Omim ID** [186945](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** FK506-binding protein 1|FK506-binding protein 12|FK506-binding protein 1A (12kD)|FK506-binding protein, T-cell, 12-kD|OTTHUMP00000029978|immunophilin FKBP12|peptidyl-prolyl cis-trans isomerase|protein kinase C inhibitor 2|rotamase

## Disease

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- [Diabetes Mellitus](#)
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