

FKBP1A/B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06228
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human FKBP1A/B
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, WB
Concentration	1 mg/ml
Full name	FKBP1A/B
Synonyms	FKBP1A; FKBP 12; FKBP12; FKBP 1A; FKBP-12; FKBP-1A; FKBP12C; PKC12; PPIase; PKC12; Rotamase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year