



# FKBP1A/B rabbit pAb

Cat No.:ES16393

For research use only

## Overview

<b>Product Name</b>	FKBP1A/B rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;WB
<b>Species Cross-Reactivity</b>	Human; Mouse; Rat
<b>Recommended dilutions</b>	IHC-p 1:50-200, WB 1:500-2000
<b>Immunogen</b>	Synthesized peptide derived from human FKBP1A/B AA range: 26-75
<b>Specificity</b>	This antibody detects endogenous levels of human FKBP1A/B
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	FKBP1A/B
<b>Gene Name</b>	
<b>Cellular localization</b>	Cytoplasm, cytosol . Sarcoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	130kD
<b>Human Gene ID</b>	2280/2281
<b>Human Swiss-Prot Number</b>	P62942/P68106
<b>Alternative Names</b>	
<b>Background</b>	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 b

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 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, 45min).

