

For Research Use Only

# FKBP1A Polyclonal antibody

Catalog Number:10273-1-AP

Featured Product

6 Publications



## Basic Information

<b>Catalog Number:</b> 10273-1-AP	<b>GenBank Accession Number:</b> BC001925	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2280	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P62942	
<b>Isotype:</b> IgG	<b>Full Name:</b> FK506 binding protein 1A, 12kDa	
<b>Immunogen Catalog Number:</b> AG0406	<b>Calculated MW:</b> 12 kDa	
	<b>Observed MW:</b> 12 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, Jurkat cells, rat brain tissue IHC : human normal colon,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, pig	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

FKBP1A(FK506-binding protein 1A) is also named as FKBP1, FKBP12 and belongs to the FKBP-type PPIase family.It keeps in an inactive conformation TGFBR1, the TGF-beta type I serine/threonine kinase receptor, preventing TGF-beta receptor activation in absence of ligand and catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaodan Hou	29137396	Oncotarget	WB
Xinhua Hou	32480263	Food Chem	WB
Shen Mynn Tan	25131211	Cell Rep	WB

## Storage

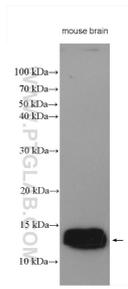
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

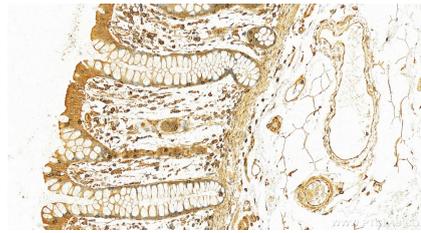
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

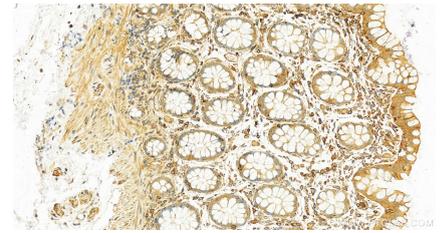
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10273-1-AP (FKBP1A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded normal colon slide using 10273-1-AP (FKBP1A antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 10273-1-AP (FKBP1A antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).