

For Research Use Only

FKBP1A Polyclonal antibody

Catalog Number: 10273-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

10273-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0406

GenBank Accession Number:

BC001925

GeneID (NCBI):

2280

UNIPROT ID:

P62942

Full Name:

FK506 binding protein 1A, 12kDa

Calculated MW:

12 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brain tissue, Jurkat cells, rat brain tissue

IHC: human normal colon, human colon tissue, human ovary cancer tissue

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

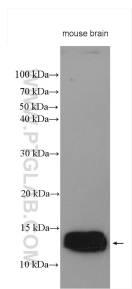
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

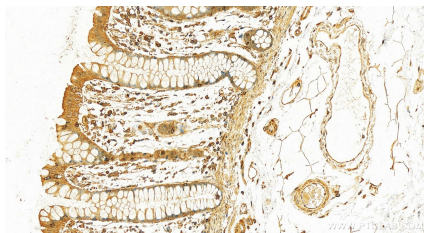
E: proteintech@ptglab.com
W: ptglab.com

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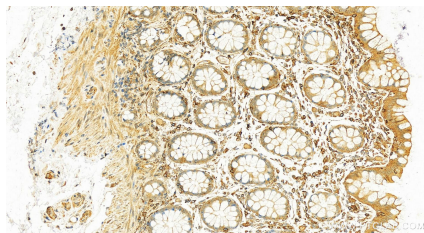
Selected Validation Data



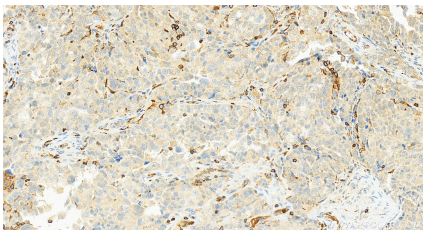
mouse brain tissue were subjected to SDS PAGE followed by western blot with 10273-1-AP (FKBP1A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 10273-1-AP (FKBP1A antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).