

For Research Use Only

# PPP1R13B Polyclonal antibody

Catalog Number: 29804-1-AP

1 Publications



## Basic Information

Catalog Number:

29804-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30788

GenBank Accession Number:

BC136527

GeneID (NCBI):

23368

UNIPROT ID:

Q96KQ4

Full Name:

protein phosphatase 1, regulatory (inhibitor) subunit 13B

Calculated MW:

1090 aa, 120 kDa

Observed MW:

120 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse

Cited Species:

sheep

**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 : HEK-293 cells, MCF-7 cells

IHC : human lung cancer tissue, mouse testis tissue

## Background Information

PPP1R13B (Protein phosphatase 1 regulatory subunit 13B), also named ASPP1 and KIAA0771, is a member of the apoptosis-stimulating proteins of the p53 family (ASPPs) (PMID: 30908929). PPP1R13B contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. PPP1R13 promotes DNA binding and transactivation of p53-family proteins on the promoters of proapoptotic genes. Expression of this gene is regulated by the E2F transcription factor.

## Notable Publications

Author	Pubmed ID	Journal	Application
Siqi Liu	36906210	Int J Biol Macromol	WB

## Storage

Storage:

Store at -20°C.

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

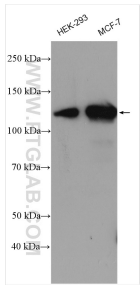
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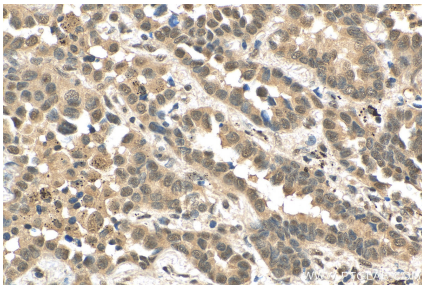
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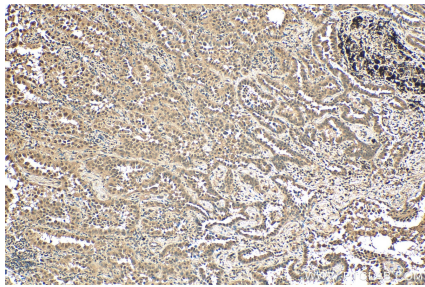
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29804-1-AP (PPP1R13B antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29804-1-AP (PPP1R13B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29804-1-AP (PPP1R13B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).