

For Research Use Only

# PPP1R13B Polyclonal antibody

Catalog Number: 29804-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 29804-1-AP	<b>GenBank Accession Number:</b> BC136527	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 850 µg/ml	<b>GeneID (NCBI):</b> 23368	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96KQ4	
<b>Isotype:</b> IgG	<b>Full Name:</b> protein phosphatase 1, regulatory (inhibitor) subunit 13B	
<b>Immunogen Catalog Number:</b> AG30788	<b>Calculated MW:</b> 1090 aa, 120 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, MCF-7 cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human lung cancer tissue, mouse testis tissue
<b>Species Specificity:</b> Human, Mouse	
<b>Cited Species:</b> sheep	
<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

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

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

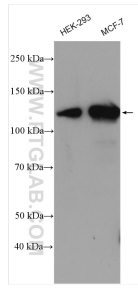
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

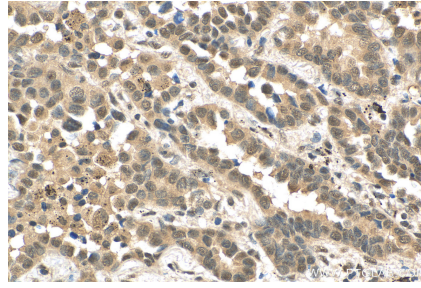
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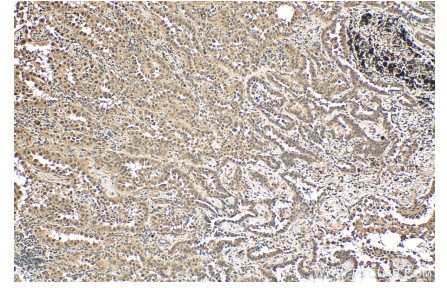
## Selected Validation Data



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).