

For Research Use Only

PPP1R13B Polyclonal antibody

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



Basic Information

Catalog Number: 29804-1-AP	GenBank Accession Number: BC136527	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 23368	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:50-1:500
Source: Rabbit	Full Name: protein phosphatase 1, regulatory (inhibitor) subunit 13B	
Isotype: IgG	Calculated MW: 1090 aa, 120 kDa	
Immunogen Catalog Number: AG30788	Observed MW: 120 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, MCF-7 cells IHC : human lung cancer tissue, mouse testis tissue
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

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. PPP1R13B 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

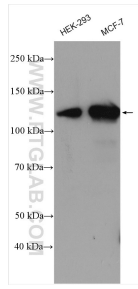
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

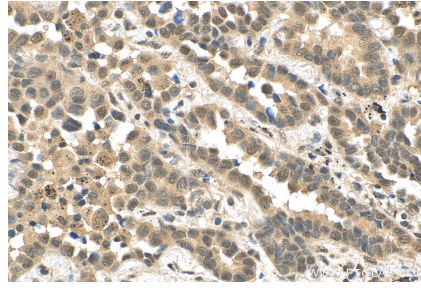
For technical support and original validation data for this product please contact:
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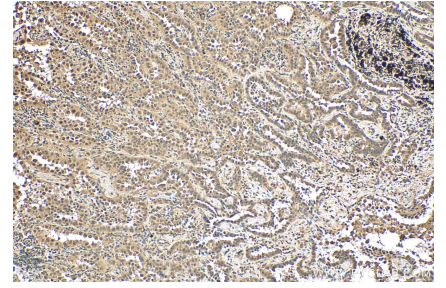
Selected Validation Data



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).