

For Research Use Only

TRIM26 Polyclonal antibody

Catalog Number: 27013-1-AP **5 Publications**



Basic Information

Catalog Number: 27013-1-AP	GenBank Accession Number: BC024039	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7726	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB IHC 1:50-1:500
Source: Rabbit	Full Name: tripartite motif-containing 26	
Isotype: IgG	Calculated MW: 62 kDa	
Immunogen Catalog Number: AG25546	Observed MW: 62 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB: HEK-293T cells, mouse testis tissue, RAW 264.7 cells, HeLa cells, HepG2 cells IP: HeLa cells, IHC: human pancreas cancer tissue, human liver cancer tissue
Cited Applications: IF, IHC, IP, WB	
Species Specificity: human, mouse	
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	

Background Information

TRIM26 is a member of the tripartite motif (TRIM) protein family composed of more than 70 members in human. TRIM proteins share a similar characteristic structure, which includes a RING (R) domain, one or two B-boxes (B), and a coiled coil (CC) domain in the N-terminal and a domain in the C-terminal with variable structures. TRIM26 potentiates virus-triggered IRF3, NF-κB activation, IFN-β induction, and cellular antiviral responses. Further investigation suggests that TRIM26 plays an important role in the antiviral innate immune response by bridging TBK1 to NEMO and mediating TBK1 activation. (PMID: 25763818, PMID: 26611359)

Notable Publications

Author	Pubmed ID	Journal	Application
Pandeng Zhao	35077707	Virus Res	WB
Mingjiao Zhang	38038978	FASEB J	WB, IF
Zhangjie Wang	37872147	Cell Death Dis	WB, IHC

Storage

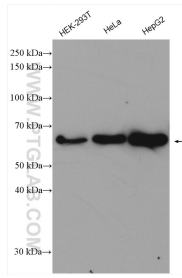
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

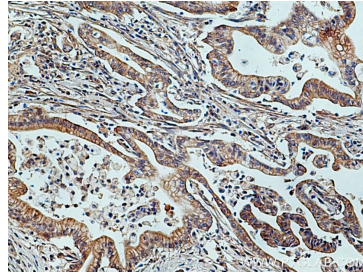
For technical support and original validation data for this product please contact:
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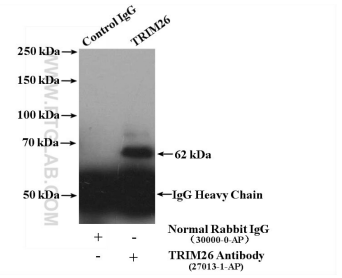
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27013-1-AP (TRIM26 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 27013-1-AP (TRIM26 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-TRIM26 (IP:27013-1-AP, 4ug; Detection:27013-1-AP 1:300) with HeLa cells lysate 2400ug.