

For Research Use Only

TOB1 Polyclonal antibody

Catalog Number: 14915-1-AP **7 Publications**



Basic Information

Catalog Number: 14915-1-AP	GenBank Accession Number: BC031406	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10140	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
Source: Rabbit	Full Name: transducer of ERBB2, 1	IHC 1:50-1:500 IF 1:10-1:100
Isotype: IgG	Calculated MW: 38 kDa	
Immunogen Catalog Number: AG6714	Observed MW: 38-45 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, IP, WB	WB : HeLa cells,
Species Specificity: human, mouse, rat	IP : HeLa cells,
Cited Species: human, mouse	IHC : human stomach cancer tissue,
	IF : HeLa cells,
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

TOB1, also known as APRO6 or TROB1, is a member of the transducer of erbB-2/B-cell translocation gene protein family. Members of this family are anti-proliferative factors that have the potential to regulate cell growth. The TOB1 protein has a large additional C-terminal region, which contains PAM2 motifs that mediate interactions with poly(A)-binding proteins. The predicted MW of this protein is 38 kDa. Catalog# 14915-1-AP recognises 38 and 45 kDa band, and the additional 45 kDa band may be due to phosphorylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Fabian Poetz	36096941	Genome Biol	WB
Zhongxia Yu	36085336	Commun Biol	WB,IF,IP
Jin Zhu	26540468	Oncotarget	WB

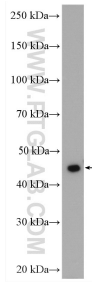
Storage

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

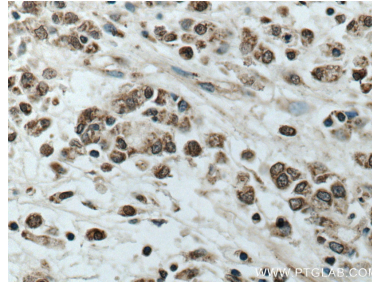
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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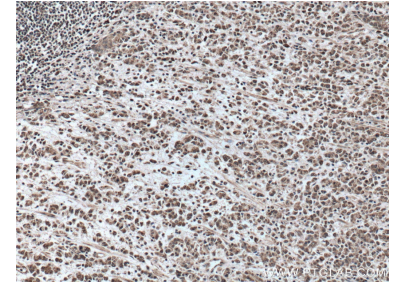
Selected Validation Data



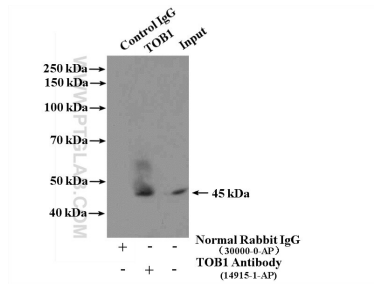
HeLa cells were subjected to SDS PAGE followed by western blot with 14915-1-AP (TOB1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



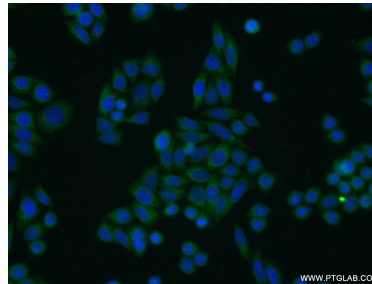
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 14915-1-AP (TOB1 antibody) at dilution of 1:100 (under 0x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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IP Result of anti-TOB1 (IP:14915-1-AP, 4ug; Detection:14915-1-AP 1:1000) with HeLa cells lysate 1600ug.



Immunofluorescent analysis of HeLa cells using 14915-1-AP (TOB1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).