

For Research Use Only

TP53BP1-Specific Polyclonal antibody

Catalog Number: 20002-1-AP

2 Publications



Basic Information

Catalog Number: 20002-1-AP	GenBank Accession Number: NM_005657	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop;	GeneID (NCBI): 7158	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q12888	IHC 1:50-1:500
Isotype: IgG	Full Name: tumor protein p53 binding protein 1	IF/ICC 1:250-1:1000
	Calculated MW: 214 kDa	
	Observed MW: 450 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells,
Species Specificity: human	IHC : human stomach cancer tissue,
Cited Species: human	IF/ICC : 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

TP53BP1, also named as p53BP1, p202, 53BP1 and FLJ41424, may have a role in checkpoint signaling during mitosis. TP53BP1 enhances TP53-mediated transcriptional activation. TP53BP1 plays a role in the response to DNA damage. This antibody is specific to TP53BP1.

Notable Publications

Author	Pubmed ID	Journal	Application
Zixuan Sun	39425900	Stem Cells Transl Med	WB
Jing Li	38468925	Heliyon	WB

Storage

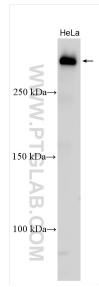
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

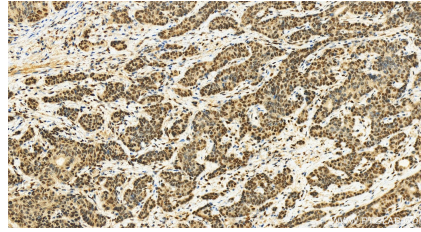
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

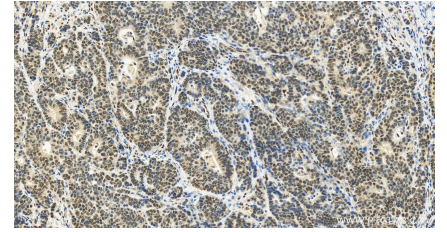
Selected Validation Data



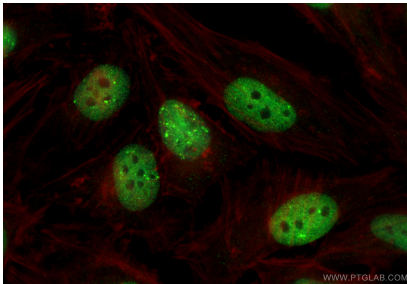
HeLa lysates were subjected to SDS PAGE followed by western blot with 20002-1-AP (TP53BP1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded stomach cancer slide using 20002-1-AP (TP53BP1-Specific antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded stomach cancer slide using 20002-1-AP (TP53BP1-Specific antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TP53BP1-Specific antibody (20002-1-AP) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).