

For Research Use Only

# TP53BP1-Specific Polyclonal antibody, PBS Only

Catalog Number: 20002-1-PBS



## Basic Information

Catalog Number:

20002-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_005657

GeneID (NCBI):

7158

UNIPROT ID:

Q12888

Full Name:

tumor protein p53 binding protein 1

Calculated MW:

214 kDa

Observed MW:

450 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

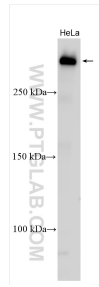
T: 4006900926

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

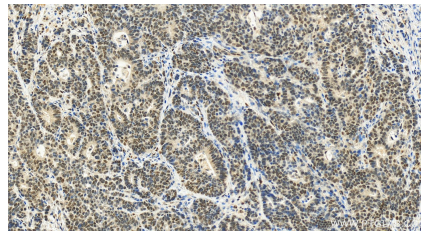
W: [ptgcn.com](http://ptgcn.com)

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

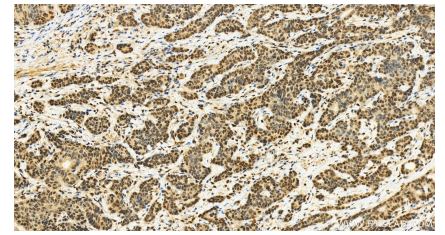
## Selected Validation Data



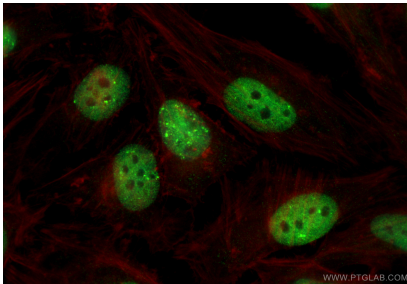
HeLa lysates were subjected to SDS PAGE followed by western blot with 20002-1-AP (TP53BP1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20002-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 20002-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 20002-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 20002-1-PBS in a different storage buffer formulation.