For Research Use Only

TP53BP1-Specific Polyclonal antibody

Catalog Number:20002-1-AP 2 Publications

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Basic Information

Catalog Number:
20002-1-AP

Size:
650 ug/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

Recommended Dilutions:
WB 1:500-1:2000
IHC 1:50-1:500

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells,

IHC : human stomach cancer tissue,

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

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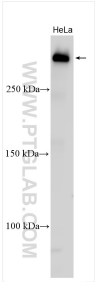
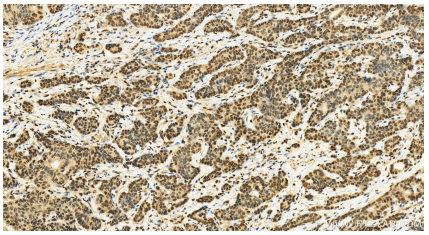
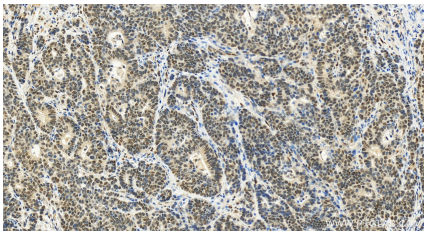
Selected Validation Data



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).



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