

## 53BP1 antibody [HL275]

**Cat. No. GTX635479**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat, Cat, Dog

Reference ( 1 )  
 Package  
 100 µl, 25 µl

### APPLICATION

#### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

**Calculated MW** 214 kDa. ( [Note](#) )

### PROPERTIES

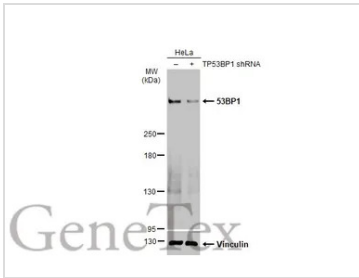
<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.4 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human 53BP1. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

**Note** For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

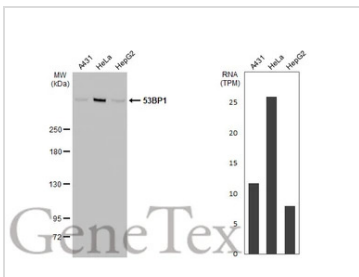
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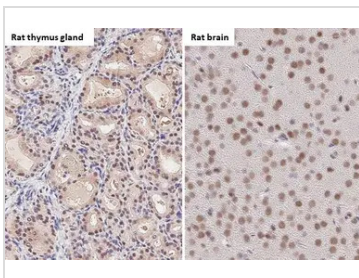
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**DATA IMAGES**

**GTx635479 WB Image**

Non-transfected (–) and transfected (+) HeLa whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with 53BP1 antibody [HL36] (GTx635479) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx635479 WB Image**

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with 53BP1 antibody [HL275] (GTx635479) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.

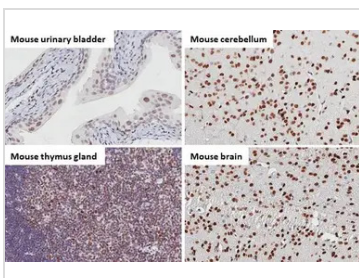

**GTx635479 IHC-P Image**

53BP1 antibody [HL275] detects 53BP1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

53BP1 stained by 53BP1 antibody [HL275] (GTx635479) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

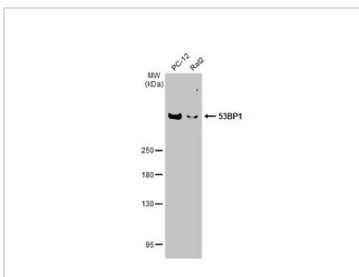

**GTx635479 IHC-P Image**

53BP1 antibody [HL275] detects 53BP1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

53BP1 stained by 53BP1 antibody [HL275] (GTx635479) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx635479 WB Image**

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with 53BP1 antibody [HL36] (GTx635479) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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