

## 53BP1 antibody

Cat. No. GTX64370

|              |                   |
|--------------|-------------------|
| Host         | Rabbit            |
| Clonality    | Polyclonal        |
| Isotype      | IgG               |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity   | Human             |

References ( 1 )

Package

100 µl

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500 - 1:2000       |
| ICC/IF             | 1:50 - 1:200         |
| IHC-P              | 1:50 - 1:200         |

Not tested in other applications.

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

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS, 50% Glycerol                                                                                                                                                                                                          |
| Preservative  | 0.02% Sodium azide                                                                                                                                                                                                         |
| Storage       | 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. |
| Concentration | Batch dependent (Please refer to the vial label for the specific concentration.)                                                                                                                                           |
| Immunogen     | Recombinant fusion protein containing a sequence corresponding to amino acids 1763-1977 of human TP53BP1 (NP_001135452.1).                                                                                                 |
| Purification  | Purified by affinity chromatography                                                                                                                                                                                        |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

## Note

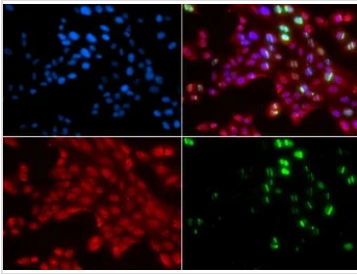
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## DATA IMAGES

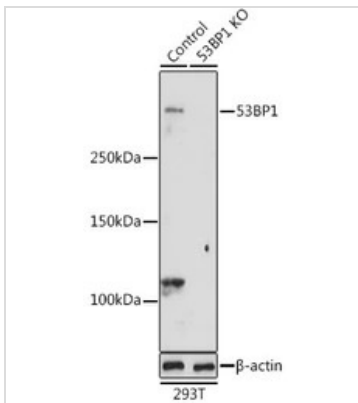


### GTX64370 ICC/IF Image

ICC/IF analysis of GFP-RNF168 transgenic U2OS cells using GTX64370 53BP1 antibody.

Green : GFP-RNF168 fusion protein expression for DNA damage marker

Blue : DAPI

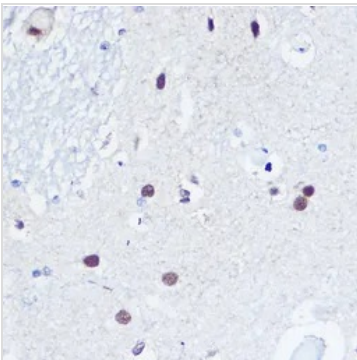


### GTX64370 WB Image

WB analysis of extracts from normal (control) and 53BP1 knockout (KO) 293T cells using GTX64370 53BP1 antibody.

Dilution : 1:1000

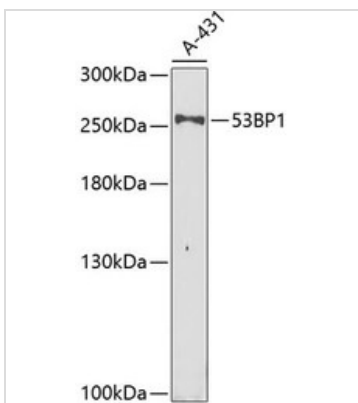
Loading : 25µg per lane



### GTX64370 IHC-P Image

IHC-P analysis of human brain tissue using GTX64370 53BP1 antibody.

Dilution : 1:100



### GTX64370 WB Image

WB analysis of A431 cell lysate using GTX64370 53BP1 antibody. The signal was developed with ECL plus-Enhanced.

Dilution : 1:1000

Loading : 25µg per lane



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