

53BP1 Polyclonal Antibody

Catalog Number: 164626

Product name

53BP1 Polyclonal Antibody

Specificity

Human, Mouse, Rat

Antibody description

Polyclonal antibody to 53BP1

Preparation

Antigen: Recombinant fusion protein containing a sequence corresponding to amino acids 1763-1977 of human 53BP1 (NP_001135452.1).

Formulation

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IHC, IF

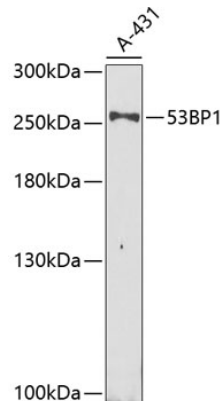
Dilutions

WB 1:500 - 1:2000

IHC 1:50 - 1:200

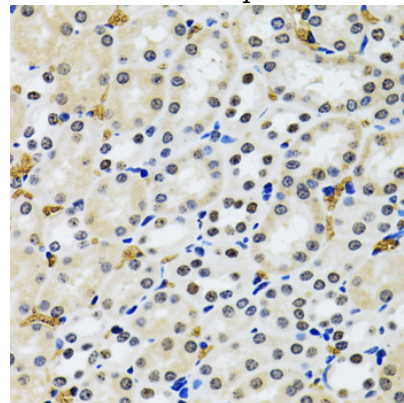
IF 1:50 - 1:200

Validations



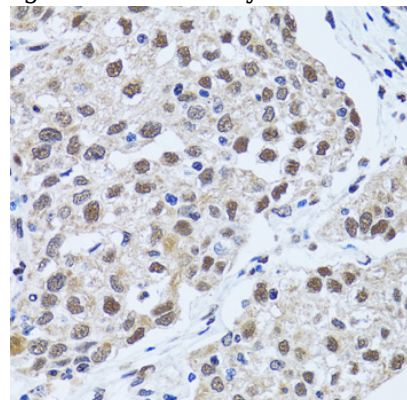
Western blot - 53BP1 Polyclonal Antibody

Western blot analysis of extracts of A-431 cells, using 53BP1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 40s.



Immunohistochemistry - 53BP1 Polyclonal Antibody

Immunohistochemistry of paraffin-embedded rat kidney using 53BP1 antibody at dilution of 1:100



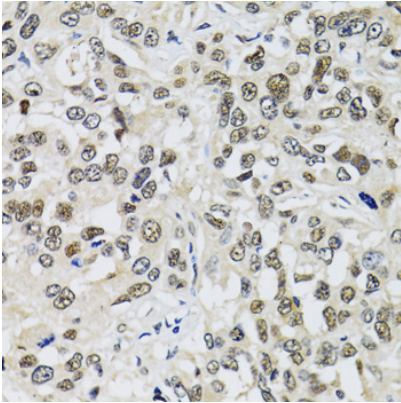
(40x lens).

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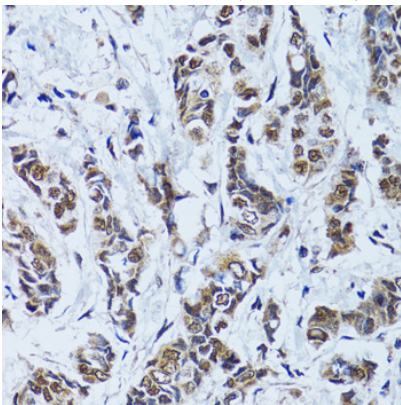
Immunohistochemistry - 53BP1 Polyclonal Antibody

Immunohistochemistry of paraffin-embedded human lung cancer using 53BP1 antibody at dilution of 1:100 (40x lens).



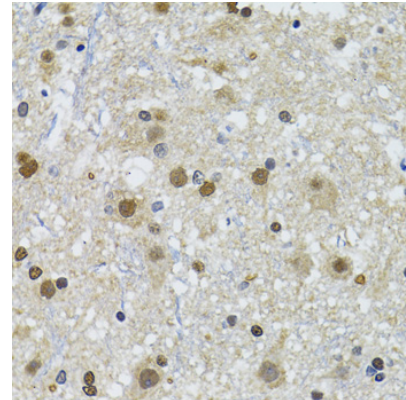
Immunohistochemistry - 53BP1 Polyclonal Antibody

Immunohistochemistry of paraffin-embedded human liver cancer using 53BP1 antibody at dilution of 1:100 (40x lens).



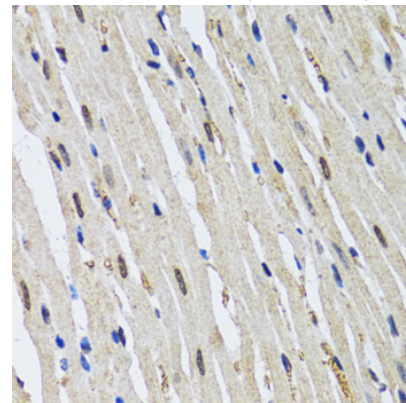
Immunohistochemistry - 53BP1 Polyclonal Antibody

Immunohistochemistry of paraffin-embedded human breast cancer using 53BP1 antibody at dilution of 1:100 (40x lens).



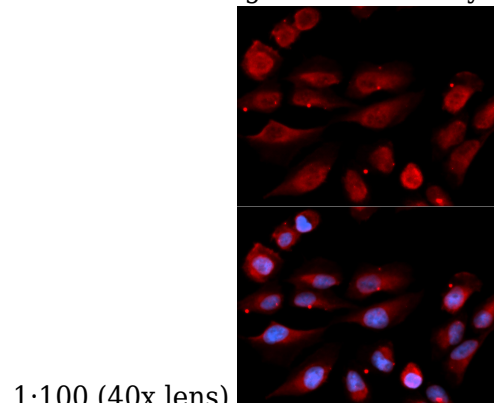
Immunohistochemistry - 53BP1 Polyclonal Antibody

Immunohistochemistry of paraffin-embedded mouse spinal cord using 53BP1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry - 53BP1 Polyclonal Antibody

Immunohistochemistry of paraffin-embedded mouse heart using 53BP1 antibody at dilution of



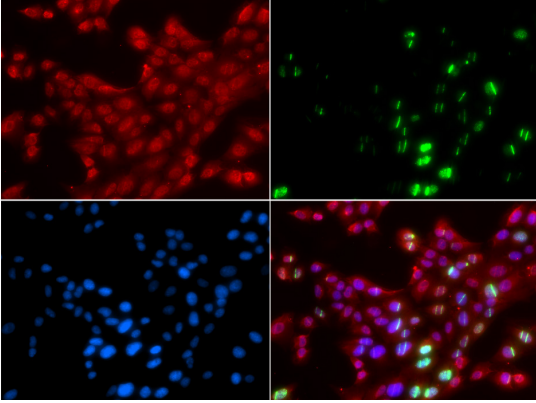
1:100 (40x lens).

Immunofluorescence - 53BP1 Polyclonal Antibody

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Immunofluorescence analysis of U2OS cells using 53BP1 antibody . Blue: DAPI for nuclear staining.



Immunofluorescence - 53BP1 Polyclonal Antibody

Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using 53BP1 antibody . Greenuff1aGFP-RNF168 fusion protein expression for DNA damage marker. Blue: DAPI for nuclear staining. RNF168 can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.