

SP1 antibody

Cat. No. GTX110593

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

References (10)

★★★★★ Review (3)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 81 kDa. ([Note](#))

Product Note We do not recommend use of this product for Mouse,Rat samples.
KO/KD validation is based on published data (PMID: 32290085).

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.88 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human SP1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

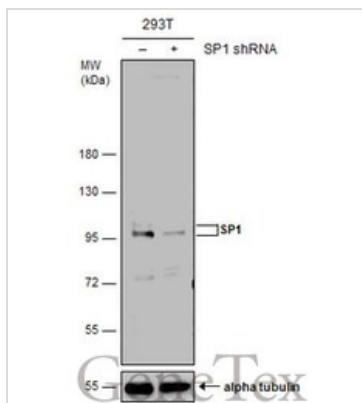


For full product information, images and publications, please visit our [website](#).

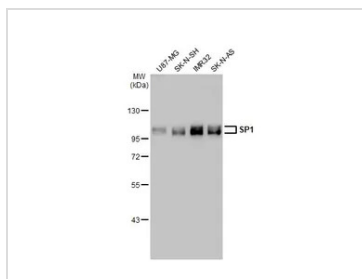
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Note

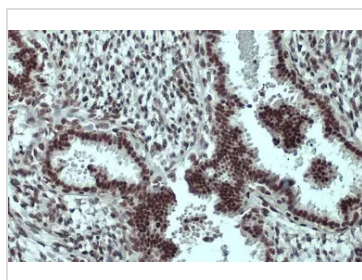
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DATA IMAGES

GTx110593 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SP1 antibody (GTx110593) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTx110593 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SP1 antibody (GTx110593) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

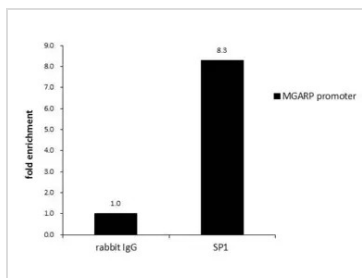

GTx110593 IHC-P Image

SP1 antibody detects SP1 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human breast carcinoma.

SP1 stained by SP1 antibody (GTx110593) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx110593 ChIP assay Image

ChIP was performed with 293T chromatin extract and 5 µg of either normal rabbit IgG or anti-SP1 antibody. The precipitated DNA was detected by PCR with primer set targeting to MGARP promoter.



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