

SP100 antibody

Cat. No. GTX131570

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human

References (1)

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

Not tested in other applications.

Calculated MW	100 kDa. (Note)
Observed MW (kDa)	100~140 kDa. The observed M.W. is based on the following publication. PMID: 21172801
Product Note	KO/KD validation is based on published data (PMID: 30122656).

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	2.6 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human SP100. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



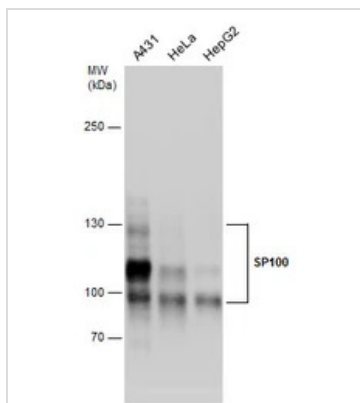
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Date 2026 / 10 / 06 Page 1 of 2

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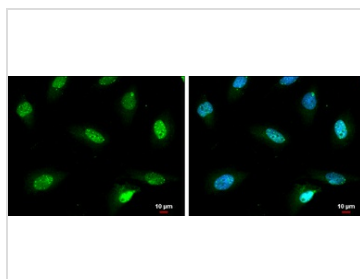
Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX131570 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with SP100 antibody (GTX131570) diluted at 1:1000.

The observed M.W. is based on the publication: [PMID: 21172801](https://pubmed.ncbi.nlm.nih.gov/21172801/)


GTX131570 ICC/IF Image

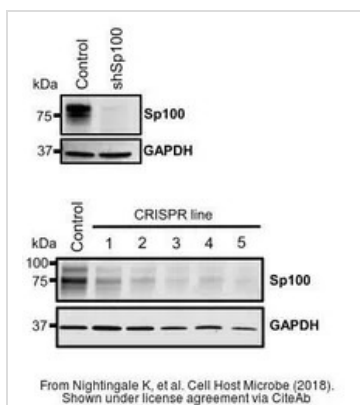
SP100 antibody detects SP100 protein at P-body and nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SP100 protein stained by SP100 antibody (GTX131570) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.


GTX131570 WB Image

The data was published in the journal Cell Host Microbe in 2018. [PMID: 30122656](https://pubmed.ncbi.nlm.nih.gov/30122656/)



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