

Product Datasheet

SMC1 Antibody - BSA Free

NBP2-32142

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP2-32142

SMC1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Description	Novus Biologicals Rabbit SMC1 Antibody - BSA Free (NBP2-32142) is a polyclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8243
Gene Symbol	SMC1A
Species	Human, Mouse
Immunogen	The immunogen this antibody was made to, maps to a region of human SMC1 (structural maintenance of chromosomes 1-like 1) surrounding serine 957 using the numbering given in entry NP_006297.2 (Gene ID 8243) when the serine residue is phosphorylated.

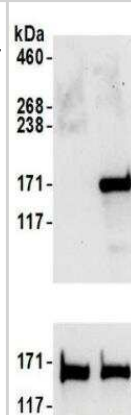
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunohistochemistry, Immunoprecipitation 2 - 10 ug/mg lysate

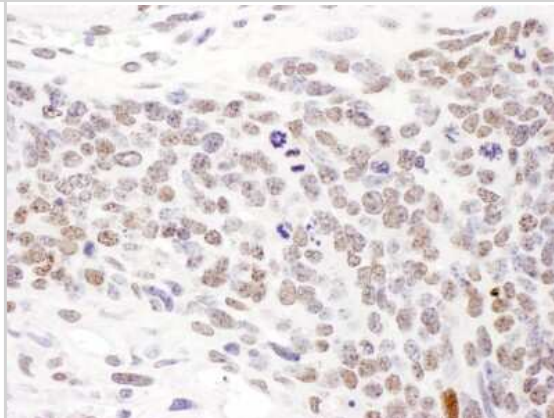


Images

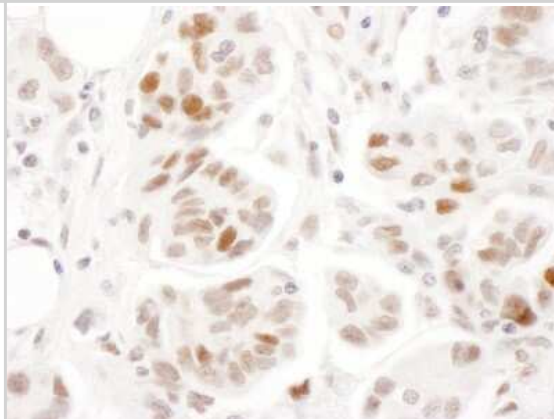
Western Blot: SMC1 Antibody [NBP2-32142] - Samples: Whole cell lysate (50 ug) from 293T cells treated with 100 uM EPE for 2 hours (+) or mock treated (-). Antibodies: Affinity purified rabbit anti-SMC1 antibody NBP2-32142 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Lower panel shows Western Blot for total SMC1 using affinity purified rabbit anti-SMC1 antibody at 0.1 ug/ml with an exposure time of 30 seconds.



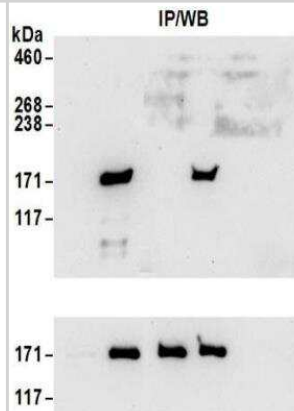
Immunohistochemistry: SMC1 Antibody [NBP2-32142] - Sample: FFPE section of mouse teratoma. Antibody: Affinity purified rabbit anti-Phospho SMC1 (S957) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).



Immunohistochemistry: SMC1 Antibody [NBP2-32142] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Phospho SMC1 (S957) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).



Immunoprecipitation: SMC1 Antibody [NBP2-32142] - Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells treated with 100 uM EPE for 2 hours (+) or mock treated (-) cells. Antibodies: SMC1 was immunoprecipitated using affinity purified rabbit anti-SMC1 antibody NBP2-32142 at 6 ug/mg lysate. Total SMC1 was immunoprecipitated using rabbit anti-SMC1 antibody at 6 ug/mg lysate. SMC1 was blotted at 0.1 ug/ml (upper panel). Total SMC1 was blotted using at 0.1 ug/ml (lower panel). Detection: Chemiluminescence with exposure times of 30 seconds.





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Products Related to NBP2-32142

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008243-Q01-10ug	Recombinant Human SMC1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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