

# Product Datasheet

## SMCHD1 Antibody NBP1-49968

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP1-49968****SMCHD1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA

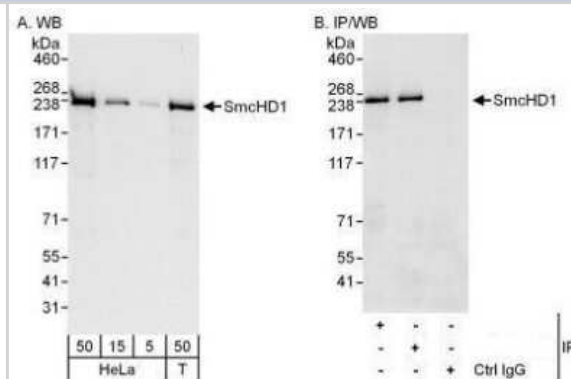
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SMCHD1 Antibody (NBP1-49968) is a polyclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	23347
<b>Gene Symbol</b>	SMCHD1
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen for this product maps to a region between residue 250 and 300 of human Structural Maintenance of Chromosomes Flexible Hinge Domain containing 1, using the numbering given in entry NP_056110.2 (GeneID 23347).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

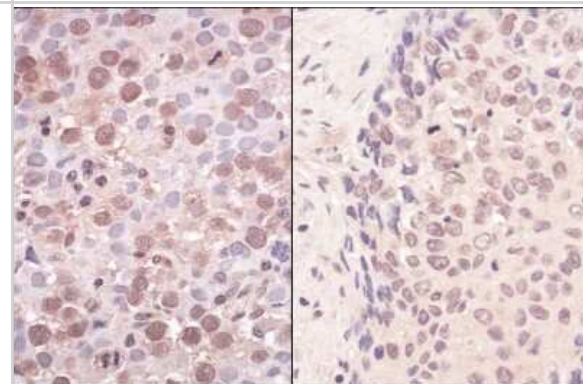


## Images

**Western Blot: SMCHD1 Antibody [NBP1-49968] - Detection of Human SmcHD1 by Western Blot and Immunoprecipitation.** Samples: Whole cell lysate from HeLa (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 mcg) cells. Antibodies: Affinity purified rabbit anti-SmcHD1 antibody used for WB at 0.04 mcg/ml (A) and 0.4 mcg/ml (B) and used for IP at 3 mcg/mg lysate. SmcHD1 was also immunoprecipitated by rabbit anti-SmcHD1 antibody which recognizes a downstream epitope. For blotting immunoprecipitated SmcHD1 was used. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).



**Immunohistochemistry-Paraffin: SMCHD1 Antibody [NBP1-49968] - Sample: FFPE section of human testicular seminoma (left) and non-small cell lung cancer (right). Antibody: Affinity purified rabbit anti-SmcHD1 used at a dilution of 1:200 (1ug/ml). Detection: Vector Laboratories ImmPACT NovaRED Peroxidase Substrate**





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-59045PEP	SMCHD1 Recombinant Protein Antigen

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### **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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