

Product Datasheet

SMYD3 Antibody NBP2-20432

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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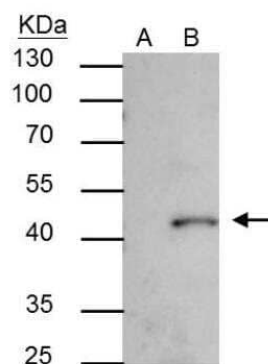
NBP2-20432**SMYD3 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	49 kDa
Product Description	
Description	Novus Biologicals Rabbit SMYD3 Antibody (NBP2-20432) is a polyclonal antibody validated for use in IHC, WB, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	64754
Gene Symbol	SMYD3
Species	Human
Reactivity Notes	Bovine (83%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human SMYD3. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP)

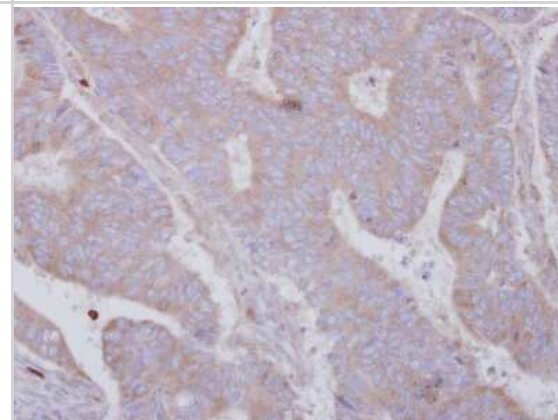


Images

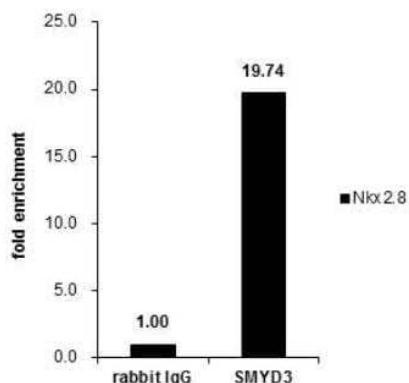
Western Blot: SMYD3 Antibody [NBP2-20432] - IP Sample: 293T whole cell lysate/extract A : Control with 2.5 ug of pre-immune rabbit IgG B : Immunoprecipitation of SMYD3 by 2.5 ug of SMYD3 antibody 10% SDS-PAGE The immunoprecipitated SMYD3 protein was detected by SMYD3 antibody diluted at 1:1000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.



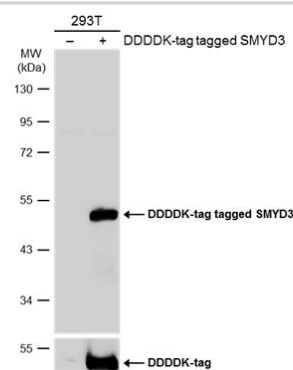
Immunohistochemistry-Paraffin: SMYD3 Antibody [NBP2-20432] - Immunohistochemical analysis of paraffin-embedded Colon ca, using antibody at 1:250 dilution.



Chromatin Immunoprecipitation: SMYD3 Antibody [NBP2-20432] - Cross-linked ChIP was performed with HepG2 chromatin extract and 5 ug of either control rabbit IgG or anti-SMYD3 antibody. The precipitated DNA was detected by PCR with primer set targeting to 5' flanking region of Nkx2.8.



Western Blot: SMYD3 Antibody [NBP2-20432] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SMYD3 antibody (NBP2-20432) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-20432

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00064754-P01-10ug	Recombinant Human SMYD3 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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