

Product Datasheet

SMYD3 Antibody (2P8Z2)

NBP3-16102-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

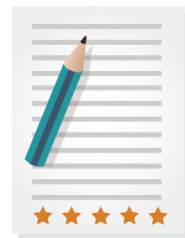
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NBP3-16102-100ul

SMYD3 Antibody (2P8Z2)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2P8Z2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

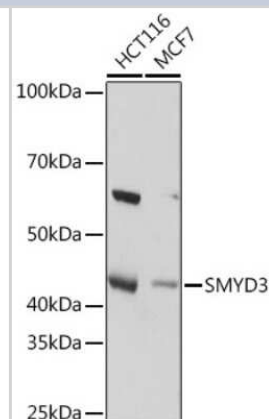
Host	Rabbit
Gene ID	64754
Gene Symbol	SMYD3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human SMYD3 (Q9H7B4). SISLLNHSCDPNCSIVFNGPHLLLRAVRDIEVGEELTICYLDMLMTSEERRKQLR DQYCFECDCFRCTQDKDADMLTGDEQVWKEVQESLKKIEELKAHW

Product Application Details

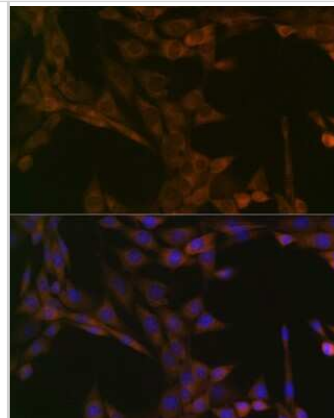
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

Images

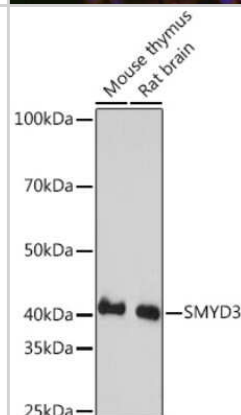
Western Blot: SMYD3 Antibody (2P8Z2) [NBP3-16102] - Western blot analysis of extracts of various cell lines, using SMYD3 Rabbit mAb (NBP3-16102) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



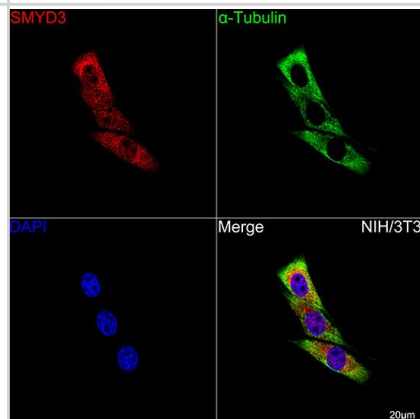
Immunocytochemistry/Immunofluorescence: SMYD3 Antibody (2P8Z2) [NBP3-16102] - Immunofluorescence analysis of NIH-3T3 cells using SMYD3 Rabbit mAb (NBP3-16102) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



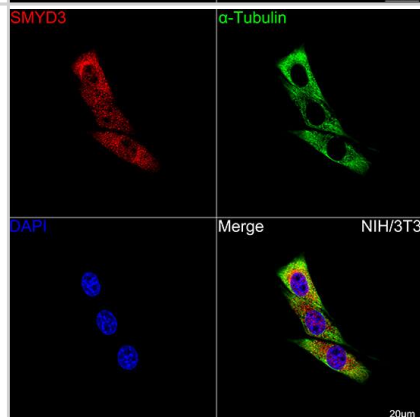
Western Blot: SMYD3 Antibody (2P8Z2) [NBP3-16102] - Western blot analysis of extracts of various cell lines, using SMYD3 Rabbit mAb (NBP3-16102) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Immunocytochemistry/ Immunofluorescence: SMYD3 Antibody (2P8Z2) [NBP3-16102] - Confocal imaging of NIH/3T3 cells using SMYD3 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: SMYD3 Antibody (2P8Z2) [SMYD3] - Confocal imaging of NIH/3T3 cells using SMYD3 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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Products Related to NBP3-16102-100ul

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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