

Product Datasheet

Smoothened Antibody NBP2-24543

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 7

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-24543

Updated 5/23/2021 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-24543



NBP2-24543

Smoothened Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	6608
Gene Symbol	SMO
Species	Human, Mouse, Primate
Reactivity Notes	The amino acid sequence used as immunogen is 100% homologous in human (isoforms CRA_a, CRA_b, CRA_c), rhesus monkey and chimpanzee, 94% homologous in horse, cow and dog, 88% homologous in rat, mouse, chicken, opossum, zebrafish and Xenopus and 83% homologous in pufferfish.
Immunogen	A portion of amino acids 190-240 of human SMO was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Immunohistochemistry 5-10 ug/ml, Immunohistochemistry-Paraffin 5-10 ug/ml



Publications

Belgacemi R, Luczka E, Ancel J Airway epithelial cell differentiation relies on deficient Hedgehog signalling in COPD EBioMedicine 2019-12-23 [PMID: 31877414] (IB, Human)

Levy D, de Melo TC, Oliveira BA, et al 7-Ketocholesterol and cholestane-triol increase expression of SMO and LXR alpha signaling pathways in a human breast cancer cell line. Biochem Biophys Rep. 2018-12-31 [PMID: 31463370] (ICC/IF, Human)

Details:

A human mammary gland/breast cell line MDA-MB-231 was used in this study.

Paz JL, Levy D, Oliveira BA, de Melo TC et al. 7-Ketocholesterol Promotes Oxiapoptophagy in Bone Marrow Mesenchymal Stem Cell from Patients with Acute Myeloid Leukemia Cells 2019-05-21 [PMID: 31117185] (ICC/IF, Human)

Zhang Y, He J, Zhang F et al. SMO expression level correlates with overall survival in patients with malignant pleural mesothelioma. J Exp Clin Cancer Res. 2013-02-05 [PMID: 23379358]

Bolanos AL, Milla CM, Lira JC et al. Role of Sonic Hedgehog in idiopathic pulmonary fibrosis. Am J Physiol Lung Cell Mol Physiol. 2012-12-01 [PMID: 23023967] (IHC-P, Human)

Details:

Smoothened antibody (IMG 5904A) IHC-P ; Human Lung. (See Fig 3)

Walter K, Omura N, Hong SM et al. Overexpression of smoothened activates the sonic hedgehog signaling pathway in pancreatic cancer-associated fibroblasts. Clin Cancer Res. 2010-03-15 [PMID: 20215540] (IHC-P, Human)

Details:

Smoothened antibody (IMG 5904A) IHC-P (human).

Tao Y, Mao J, Zhang Q, Li L. Overexpression of Hedgehog signaling molecules and its involvement in triple-negative breast cancer. Oncol Lett. 2011-09-01 [PMID: 22866163] (WB, IHC-P, Human)

Details:

Smoothened antibody (IMG 5904A) WB and IHC-P ; Human breast. (See Figs 1,2).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-24543

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

