

Product Datasheet

Frizzled-2 Antibody NBP1-20920

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-20920

Updated 4/3/2023 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/NBP1-20920



NBP1-20920

Frizzled-2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2535
Gene Symbol	FZD2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24635767).
Immunogen	Peptide with sequence RYATLEHPFH CPR corresponding to internal region according to NP_001457.1.

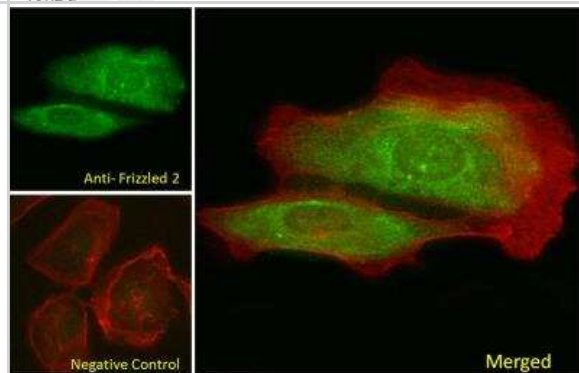
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.03-1 ug/ml, Immunohistochemistry 2 - 5 ug/ml, Immunocytochemistry/Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 2 - 5 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Preliminary experiments gave an approx. 23 kDa band in human colon, heart and ovary lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 63.6 kDa band according to NP_001457.1. The 23 kDa band was successfully blocked by incubation with the immunizing peptide. IHC: Human thyroid gland shows cytoplasm and membranous staining in epithelial cells of the follicles. IHC successful usage on human glioblastomas is reported in scientific literature (PMID: 23748645).

Images

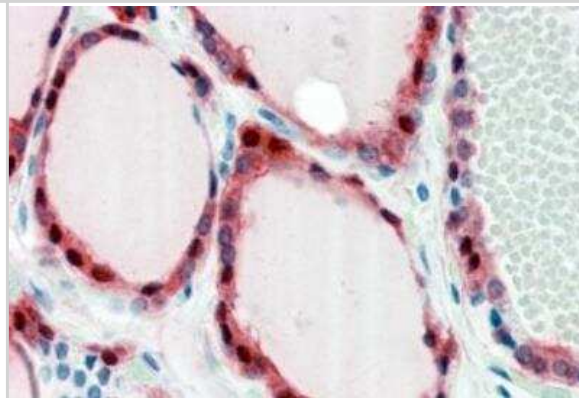
Western Blot: Frizzled-2 Antibody [NBP1-20920] - (0.03ug/ml) staining of Human Heart (A) and (0.1ug/ml) Placenta (B) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



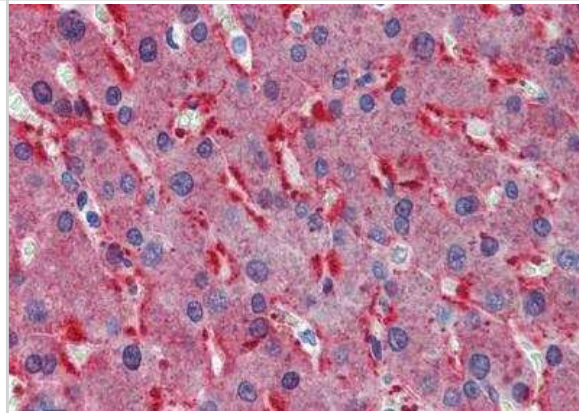
Immunocytochemistry/Immunofluorescence: Frizzled-2 Antibody [NBP1-20920] - Analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry-Paraffin: Frizzled-2 Antibody [NBP1-20920] - Staining of paraffin embedded human thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Frizzled-2 Antibody [NBP1-20920] - Staining of paraffin embedded human liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Oishi I, Kawakami Y, Raya A et al. Regulation of primary cilia formation and left-right patterning in zebrafish by a noncanonical Wnt signaling mediator, duboraya. *Nat Genet* 2006-11-01 [PMID: 17013396]

Kaenel P, Hahnewald S, Wotzkow C et al. Overexpression of EphB4 in the mammary epithelium shifts the differentiation pathway of progenitor cells and promotes branching activity and vascularization. *Dev. Growth Differ.* 2014-03-18 [PMID: 24635767] (IHC-P, Mouse)





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

Products Related to NBP1-20920

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-33842PEP	Frizzled-2 Recombinant Protein Antigen

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/NBP1-20920

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



