

Product Datasheet

FAT1 Antibody - BSA Free NBP1-84566

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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technical@novusbio.com

Publications: 2

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NBP1-84566

FAT1 Antibody - BSA Free

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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit FAT1 Antibody - BSA Free (NBP1-84566) is a polyclonal antibody validated for use in IHC and WB. Anti-FAT1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2195
Gene Symbol	FAT1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (85%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DGLGAKVSFHSRLRITATDGENFATPLYINITVAASHKLVNLQCEETGVAKMLAEK LLQANKLHNQGEVEDIFFDSHSVNAHIPQFRSTLPTGIQVKENQPVGSSVIFMN STDLDTGFGKLVYAVSGGNEDSCFMIDMETGM

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 24625754) , Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH6 retrieval method is recommended.

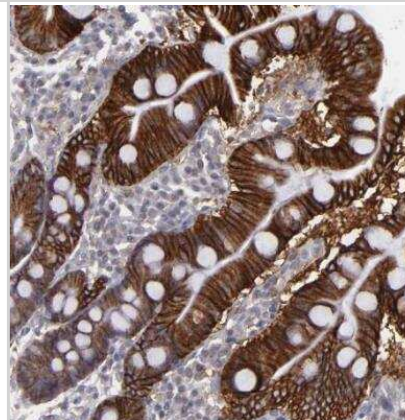


Images

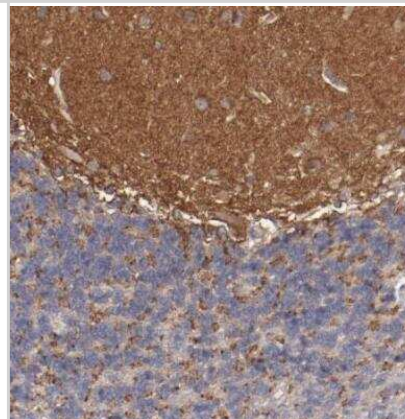
Immunohistochemistry-Paraffin: FAT1 Antibody [NBP1-84566] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



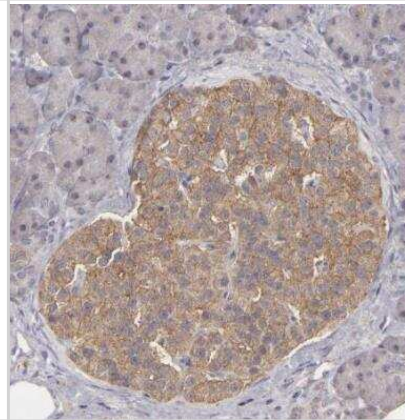
Immunohistochemistry-Paraffin: FAT1 Antibody [NBP1-84566] - Staining of human duodenum shows strong cytoplasmic positivity in glandular cells.



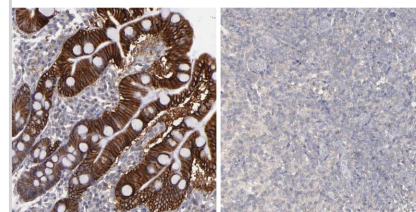
Immunohistochemistry-Paraffin: FAT1 Antibody [NBP1-84566] - Staining of human cerebellum shows strong cytoplasmic positivity in granular layer.



Immunohistochemistry-Paraffin: FAT1 Antibody [NBP1-84566] - Staining of human pancreas shows moderate cytoplasmic positivity in islets of langerhans.

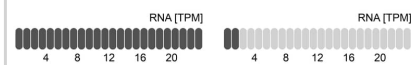


Analysis in human duodenum and lymph node tissues using HPA001869 antibody. Corresponding FAT1 RNA-seq data are presented for the same tissues.



FAT1 in Duodenum

FAT1 in Lymph node



Publications

Wojtalewicz N, Sadeqzadeh E, Weiss JV et al. A Soluble Form of the Giant Cadherin Fat1 Is Released from Pancreatic Cancer Cells by ADAM10 Mediated Ectodomain Shedding. PLoS One 2014-01-01 [PMID: 24625754] (WB)

Caruso N, Herberth B, Bartoli M et al. Deregulation of the Protocadherin Gene FAT1 Alters Muscle Shapes: Implications for the Pathogenesis of Facioscapulohumeral Dystrophy. PLoS Genet 2013-06-01 [PMID: 23785297]



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 NBP1-84566

NBP1-84566PEP	FAT1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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