

Product Datasheet

Abhd5 Antibody NB100-57850

Unit Size: 0.1 mg

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

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NB100-57850

Abhd5 Antibody

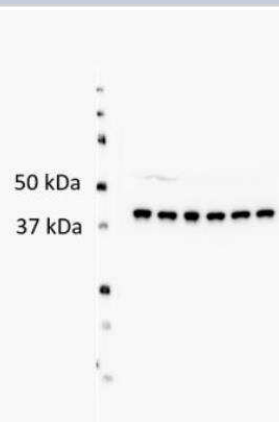
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Abhd5 Antibody (NB100-57850) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Abhd5 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	51099
Gene Symbol	ABHD5
Species	Human, Mouse
Specificity/Sensitivity	This antibody is not expected to cross-react with ABHD4.
Immunogen	Peptide with sequence C-FPERPDLADQDR corresponding to internal region according to NP_057090.2.

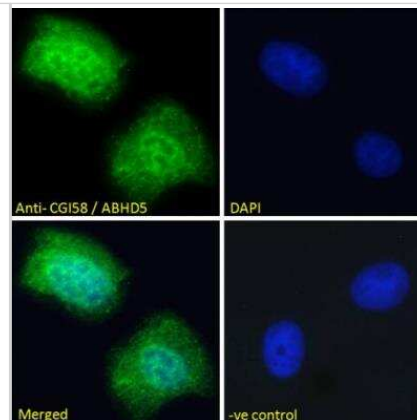
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.2 - 0.6 ug/mL, Immunohistochemistry 3.75 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 3.75 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Approx 40kDa band observed in lysates of cell line NIH3T3 (calculated MW of 39.1kDa according to NP_057090.2). Primary incubation was 1 hour. Additional faint bands of 26kDa and 18kDa were observed. These bands were successfully blocked by incubation with the immunizing peptide. IHC: Paraffin embedded Human Pancreas and Kidney.

Images

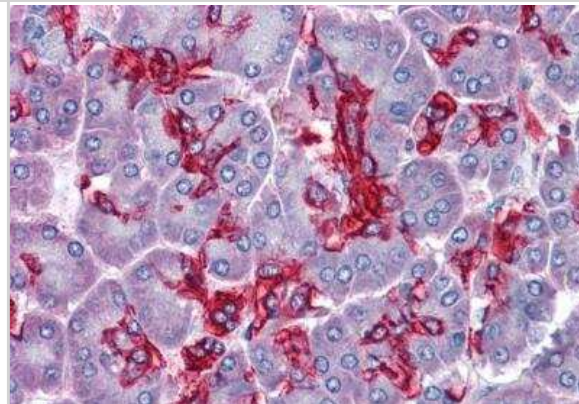
Western Blot: Abhd5 Antibody [NB100-57850] - Mesenchymal stem cells differentiated into adipocytes. Antibody at 1:1000 in 5% BSA. Clear, strong band at expected molecular weight. Image from verified customer review.



Immunocytochemistry/Immunofluorescence: Abhd5 Antibody [NB100-57850] - Analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear and vesicle/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



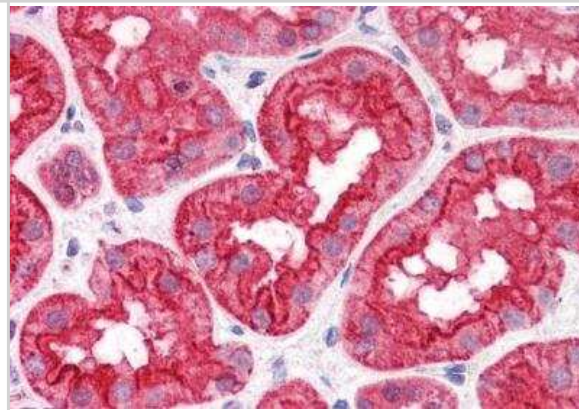
Immunohistochemistry-Paraffin: Abhd5 Antibody [NB100-57850] - Staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Abhd5 Antibody [NB100-57850] - Staining of NIH3T3 lysate (35 ug protein in RIPA buffer), antibody at 0.2 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: Abhd5 Antibody [NB100-57850] - Staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Anderson A, Lambert J, Montefusco D et al. Depletion of adipocyte sphingosine kinase 1 causes cell hypertrophy, impaired lipolysis, and NAFLD J Lipid Res. [PMID: 32690594] (WB, Mouse)

Lass A, Zimmermann R, Haemmerle G et al. Adipose triglyceride lipase-mediated lipolysis of cellular fat stores is activated by CGI-58 and defective in Chanarin-Dorfman Syndrome. Cell Metab 2006-05-01 [PMID: 16679289]

Sitnick MT, Basantani MK, Cai L et al. Skeletal muscle triacylglycerol hydrolysis does not influence metabolic complications of obesity. Diabetes 2013-10-01 [PMID: 23835334] (ICC/IF, Mouse)





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Products Related to NB100-57850

NBL1-07199	Abhd5 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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

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