

Product Datasheet

ZDHC5 Antibody - BSA Free

NBP1-81376

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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NBP1-81376

ZDHHC5 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

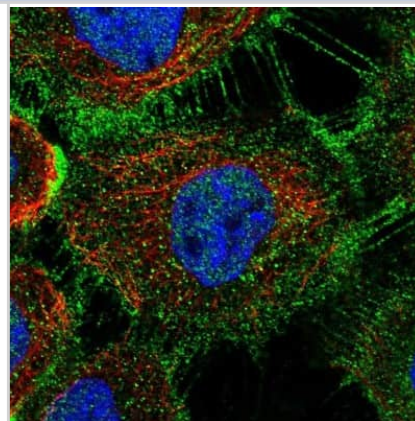
Host	Rabbit
Gene ID	25921
Gene Symbol	ZDHHC5
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DPPLGYTSPFLSARLAQQREAERHPRLVPTGPTHREPSPVRYDNLSRHIVASL QEREKLLRQSPPLPGREEEPGLGDSGIQSTPGSGHAPRTSSSSDDSKRSPLG KTPLGRPAVPRFGKPDGLRGRGVGSPE

Product Application Details

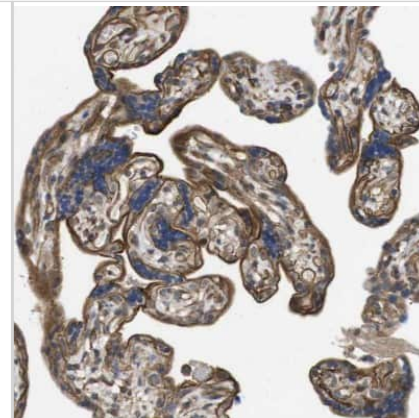
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot Reported in the scientific literature (PMID: 26334723), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunoprecipitation Reported in the scientific literature (PMID: 26334723), Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

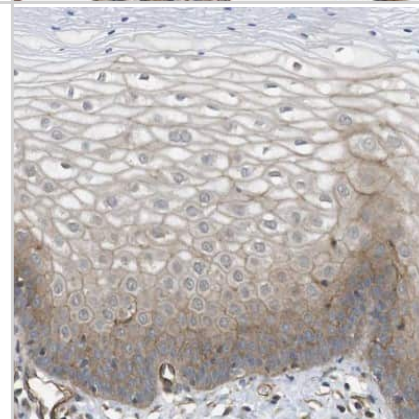
Immunocytochemistry/Immunofluorescence: ZDHHC5 Antibody [NBP1-81376] - Staining of human cell line A-431 shows localization to nucleoplasm, plasma membrane & cell junctions. Antibody staining is shown in green.



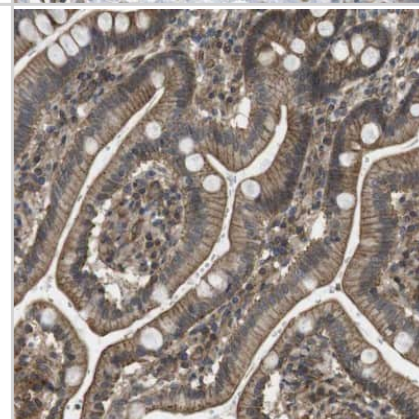
Immunohistochemistry-Paraffin: ZDHHC5 Antibody [NBP1-81376] - Staining of human placenta shows positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: ZDHHC5 Antibody [NBP1-81376] - Staining of human cervix, uterine shows membranous positivity in squamous epithelial cells.



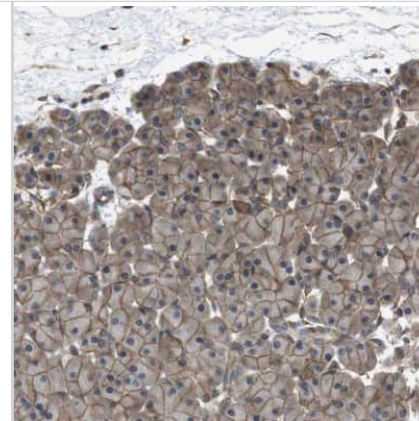
Immunohistochemistry-Paraffin: ZDHHC5 Antibody [NBP1-81376] - Staining of human duodenum shows membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: ZDHHC5 Antibody [NBP1-81376] - Staining of human esophagus shows membranous positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: ZDHHC5 Antibody [NBP1-81376] - Staining of human pancreas shows membranous positivity in exocrine glandular cells.



Publications

Brigidi GS, Santyr B, Shimell J et al. Activity-regulated trafficking of the palmitoyl-acyl transferase DHHC5. *Nat Commun.* 2015-09-03 [PMID: 26334723] (WB, ICC/IF, IP, Human)

Brigidi GS, Sun Y, Beccano-Kelly D et al. Palmitoylation of delta-catenin by DHHC5 mediates activity-induced synapse plasticity. *Nat Neurosci* 2014-04-01 [PMID: 24562000]

Li Y, Martin BR, Cravatt BF, Hofmann SL. DHHC5 Protein Palmitoylates Flotillin-2 and Is Rapidly Degraded on Induction of Neuronal Differentiation in Cultured Cells. *J Biol Chem* 2012-01-02 [PMID: 22081607]

Li Y, Hu J, Hofer K et al. DHHC5 interacts with PDZ domain 3 of post-synaptic density-95 (PSD-95) protein and plays a role in learning and memory. *J Biol Chem* 2010-04-01 [PMID: 20178993]



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Products Related to NBP1-81376

NBP1-81376PEP	ZDHHC5 Recombinant Protein Antigen
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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