

Product Datasheet

IDH3G Antibody - BSA Free

NBP1-85824

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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NBP1-85824

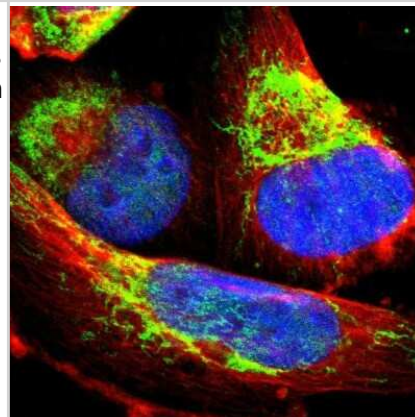
IDH3G Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit IDH3G Antibody - BSA Free (NBP1-85824) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IDH3G Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3421
Gene Symbol	IDH3G
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FDVMVMPNLYGNIVNNVCAGLVGGPGLVAGANYGHVYAVFETATRNTGKSIAN KNIANPTATLLASCMMLDHLKLHSYATSIRKAVLASMDNENMHTPDIGGQGTTSEAIQDVI
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

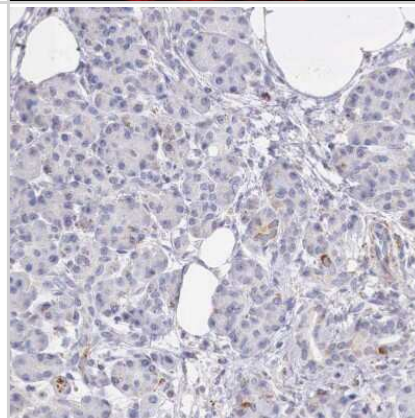


Images

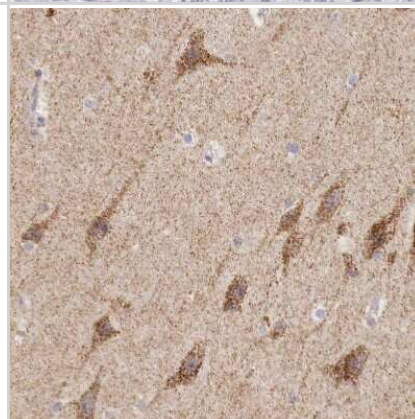
Immunocytochemistry/Immunofluorescence: IDH3G Antibody [NBP1-85824] - Immunofluorescent staining of human cell line U-251 MG shows localization to nucleoplasm & mitochondria. Antibody staining is shown in green.



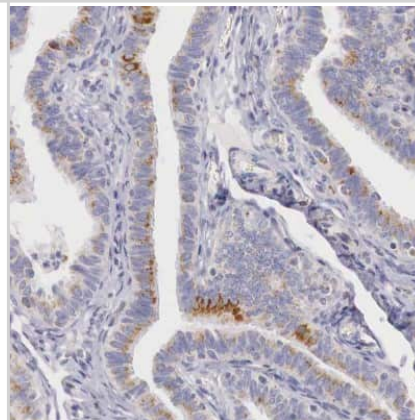
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human pancreas shows weak positivity in exocrine glandular cells.



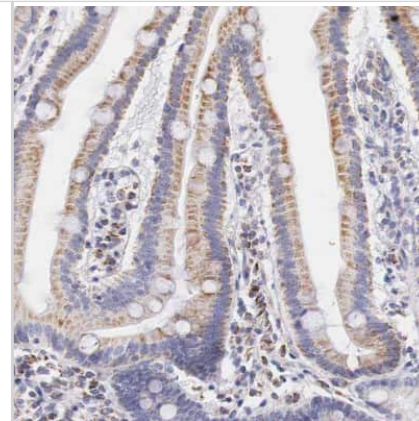
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in neuronal cells.



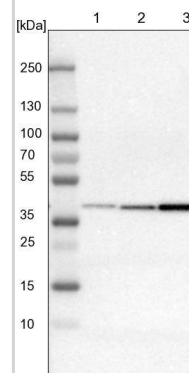
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human fallopian tube shows weak to moderate granular cytoplasmic positivity in glandular cells.



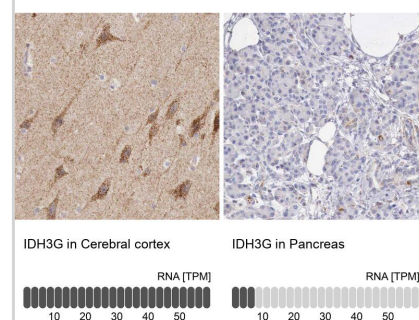
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human duodenum shows moderate granular cytoplasmic positivity in glandular cells.



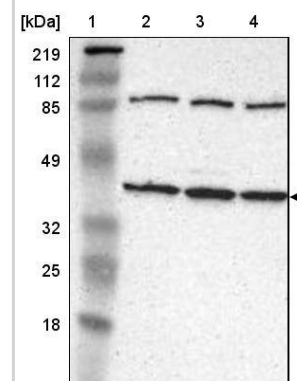
Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)
Lane 3: PC12 cell lysate (Pheochromocytoma of rat adrenal medulla)



Immunohistochemistry analysis in human cerebral cortex and pancreas tissues using HPA000425 antibody. Corresponding IDH3G RNA-seq data are presented for the same tissues.



Lane 1: Marker [kDa] 219, 112, 85, 49, 32, 25, 18
Lane 2: Human cell line RT-4
Lane 3: Human cell line U-251MG sp
Lane 4: Human cell line A-431



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-85824

NBP1-85824PEP	IDH3G 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

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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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