

Product Datasheet

IDH3G Antibody - BSA Free

NBP1-85810

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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Publications: 2

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NBP1-85810

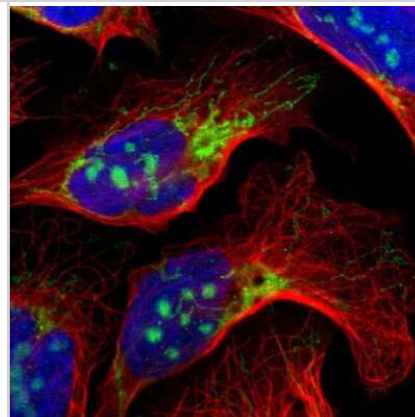
IDH3G Antibody - BSA Free

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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit IDH3G Antibody - BSA Free (NBP1-85810) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IDH3G Antibody: Cited in 2 publications. 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: ADEEDIRNAIMAIRRNRVALKGNIE TNHNLPPSHKSRNNILRTSLDLYANVIHCKS LPGVVTRHKDIDILIVRENTEGEYSSLEHESVAGVVE SLKIITKAKSLRIA EYAFKL AQESGRKKVTAVHKANIMKLG DGLFLQCCREVA A
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. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

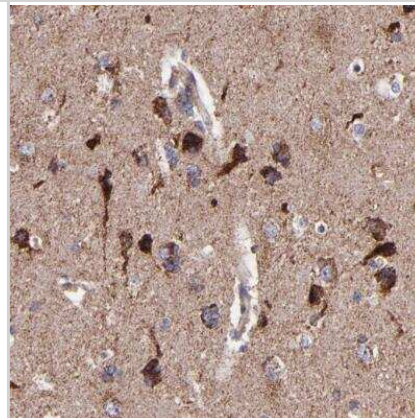


Images

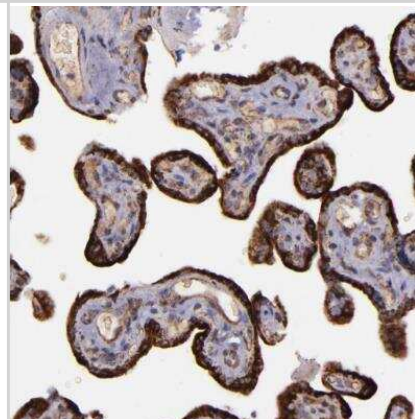
Immunocytochemistry/Immunofluorescence: IDH3G Antibody [NBP1-85810] - Staining of human cell line U-2 OS shows localization to nucleoli & mitochondria. Antibody staining is shown in green.



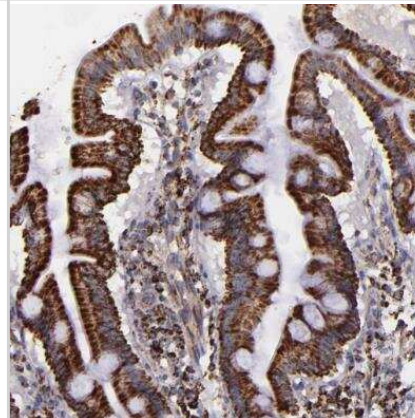
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85810] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



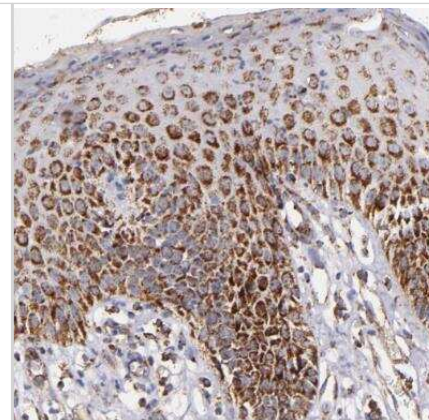
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85810] - Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



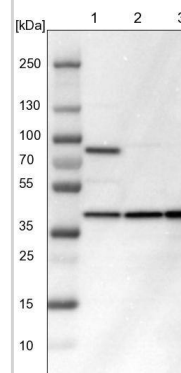
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85810] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



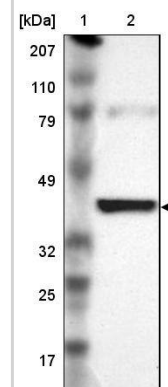
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85810] - Staining of human skin shows strong cytoplasmic positivity in epidermal cells.



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)



Lane 1: Marker [kDa] 207, 110, 79, 49, 32, 25, 17
 Lane 2: Human cell line RT-4



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]

Fischer AJ, Goss KL, Scheetz TE et al. Differential gene expression in human conducting airway surface epithelia and submucosal glands. *Am J Respir Cell Mol Biol* 2009-02-01 [PMID: 18703793]



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Products Related to NBP1-85810

NBP1-85810PEP	IDH3G 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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