

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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Publications: 1

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Updated 12/2/2025 v.20.1

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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 | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

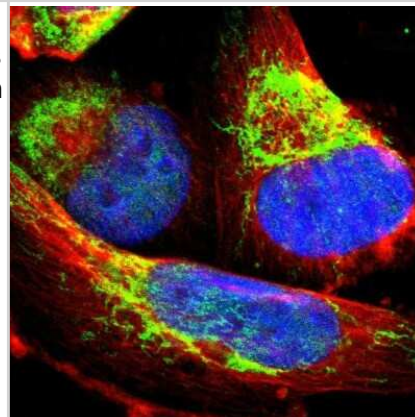
| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Rabbit IDH3G Antibody - BSA Free (NBP1-85824) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IDH3G Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% 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 KNIANPTATLLASCMMMLDHLKLHSYATSIRKAVLASMDNENMHTPDIGGGQTTS EAIQDVI |

| 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. |

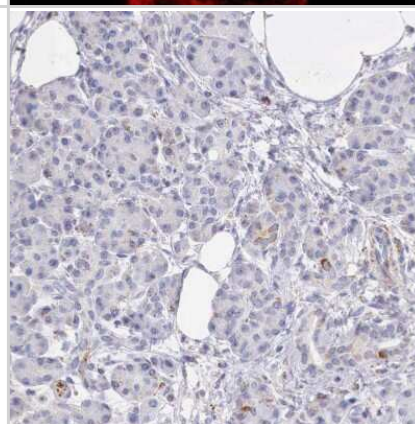


Images

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.



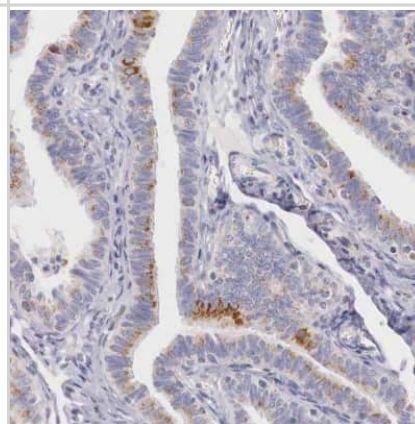
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human pancreas shows weak positivity in exocrine glandular cells.



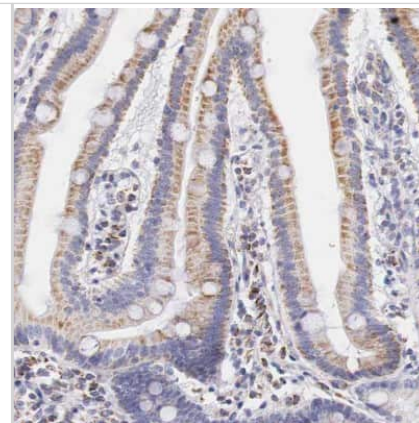
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in neuronal cells.



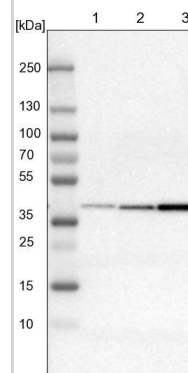
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human fallopian tube shows weak to moderate granular cytoplasmic positivity in glandular cells.



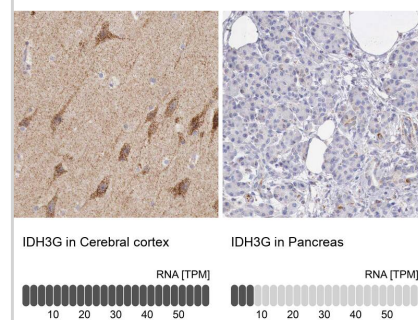
Immunohistochemistry-Paraffin: IDH3G Antibody [NBP1-85824] - Staining of human duodenum shows moderate granular cytoplasmic positivity in glandular cells.



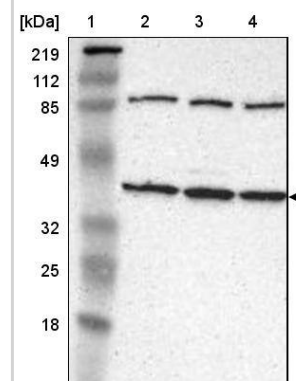
Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)
Lane 3: PC12 cell lysate (Pheochromocytoma of rat adrenal medulla)



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 |
| 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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