

Product Datasheet

IDH3B Antibody NBP2-14114

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

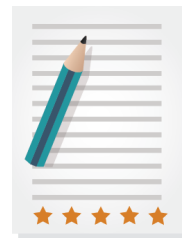
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NBP2-14114**IDH3B Antibody****Product Information**

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

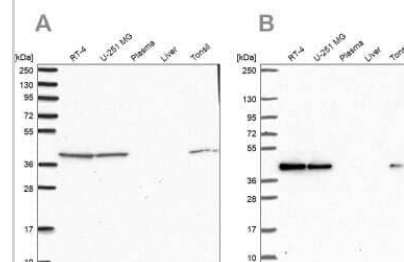
Host	Rabbit
Gene ID	3420
Gene Symbol	IDH3B
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: VKEVFKA AAVPVEFQEHLSEVQNMASEEKLEQVLSSMKENKVAIGKIHTPME YKGELASYDMRLRRKLDLFANVVHVKSLPGYMRHNN

Product Application Details

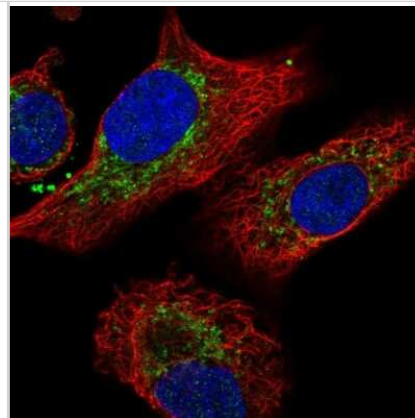
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500-1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

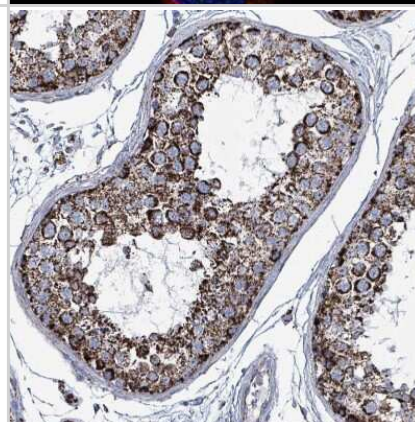
Western Blot: IDH3B Antibody [NBP2-14114] - Analysis using Anti-IDH3B antibody NBP2-14114 (A) shows similar pattern to independent antibody NBP2-58706 (B).



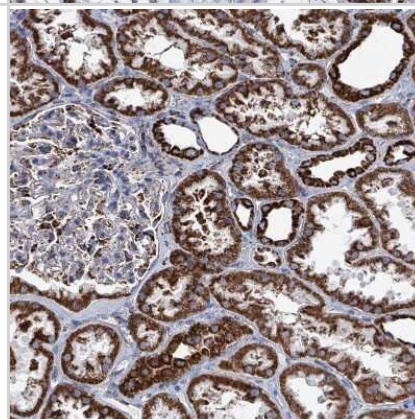
Immunocytochemistry/Immunofluorescence: IDH3B Antibody [NBP2-14114] - Staining of human cell line A549 shows localization to mitochondria. Antibody staining is shown in green.



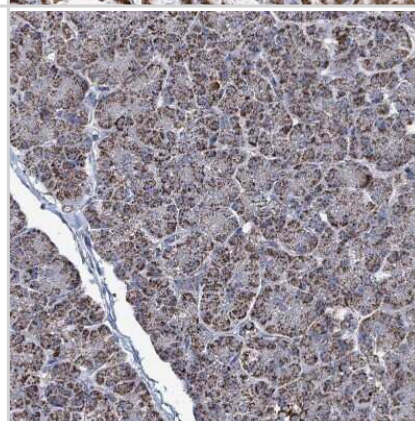
Immunohistochemistry-Paraffin: IDH3B Antibody [NBP2-14114] - Staining of human testis shows strong granular cytoplasmic positivity in cells in seminiferous ducts.



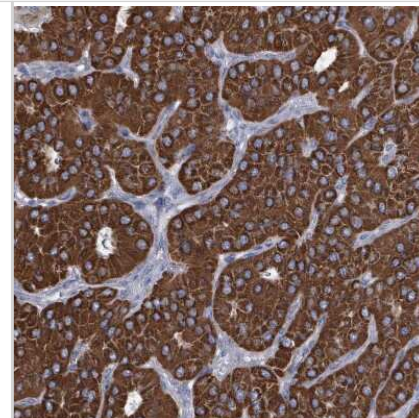
Immunohistochemistry-Paraffin: IDH3B Antibody [NBP2-14114] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



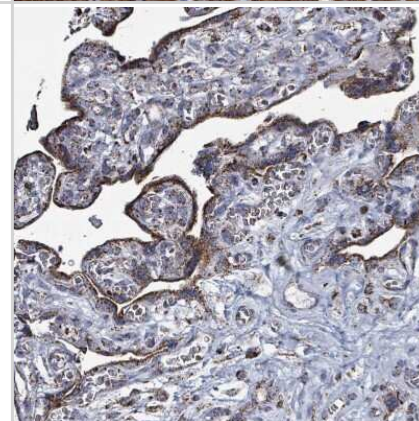
Immunohistochemistry-Paraffin: IDH3B Antibody [NBP2-14114] - Staining of human pancreas shows strong granular cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: IDH3B Antibody [NBP2-14114] - Staining of human parathyroid gland shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: IDH3B Antibody [NBP2-14114] - Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



Publications

Ruan L, McNamara JT, Zhang X et al. Solid-phase inclusion as a mechanism for regulating unfolded proteins in the mitochondrial matrix Sci Adv 2020-08-01 [PMID: 32821848]



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Products Related to NBP2-14114

NBP2-14114PEP	IDH3B 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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