

Product Datasheet

IDH3A Antibody - Azide Free

NBP1-32396

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-32396

IDH3A Antibody - Azide 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	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	40 kDa

Product Description

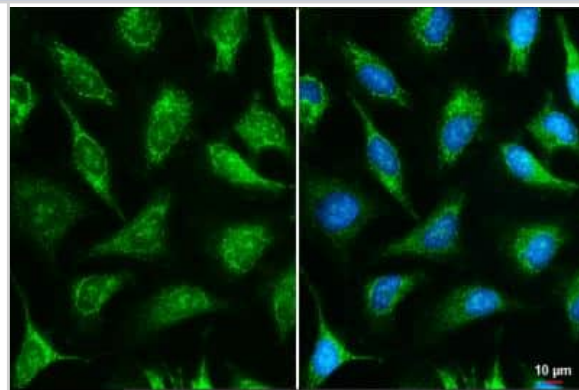
Host	Rabbit
Gene ID	3419
Gene Symbol	IDH3A
Species	Human, Mouse, Rat, Zebrafish
Reactivity Notes	Xenopus laevis (91%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human IDH3A. The exact sequence is proprietary.

Product Application Details

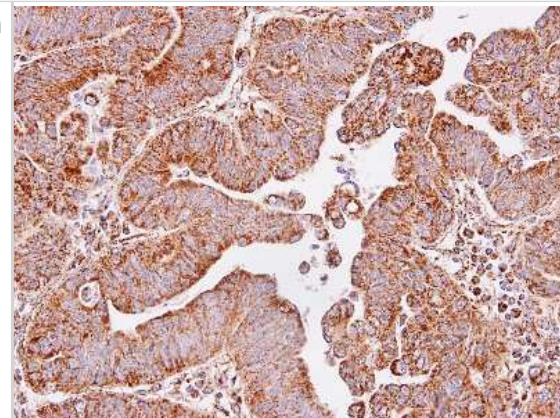
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

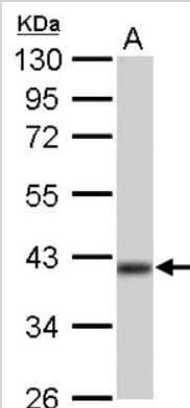
Immunocytochemistry/Immunofluorescence: IDH3A Antibody [NBP1-32396] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: IDH3A stained by IDH3A antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar= 10 μ m.



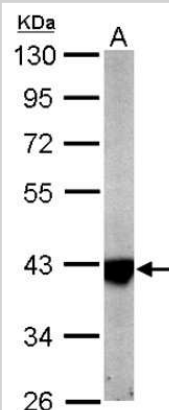
Immunohistochemistry-Paraffin: IDH3A Antibody [NBP1-32396] - Human lung SCC, using IDH3A antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



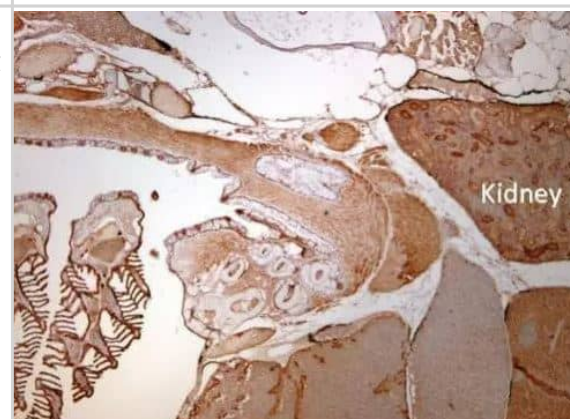
Western Blot: IDH3A Antibody [NBP1-32396] - 50 ug rat brain lysate/extract 10 % SDS-PAGE gel, antibody dilution 1:10000.



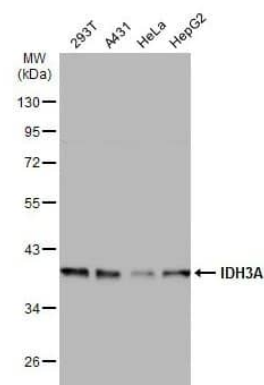
Western Blot: IDH3A Antibody [NBP1-32396] - Sample (20 ug of whole cell lysate) A: mouse brain 10% SDS PAGE; antibody diluted at 1:10000.



Immunohistochemistry-Paraffin: IDH3A Antibody [NBP1-32396] - Analysis of paraffin-embedded zebrafish tissue, using IDH3A antibody at 1:300 dilution.



Western Blot: IDH3A Antibody [NBP1-32396] -Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: IDH3A Antibody [NBP1-32396] - Sample (30 ug of whole cell lysate)

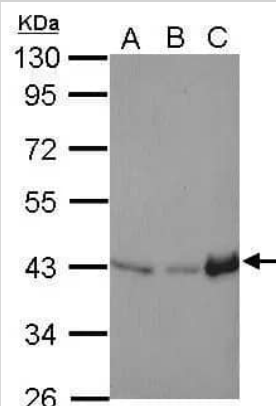
A: whole zebrafish

B: zebrafish eye

C: zebrafish heart

10% SDS PAGE

NBP1-32396 diluted at 1:1000



Publications

Tai YH, Engels D, Locatelli G et al. Targeting the TCA cycle can ameliorate widespread axonal energy deficiency in neuroinflammatory lesions *Nature Metabolism* 2023-07-10 [PMID: 37430025] (In vivo assay)

Tai Y, Engels D, Locatelli G et al. Targeting the TCA cycle can ameliorate widespread axonal energy deficiency in neuroinflammatory lesions *bioRxiv* 2023-04-04 (IHC, Mouse)

Details:

Dilutions: 1:400



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Products Related to NBP1-32396

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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