

Product Datasheet

IDH3A Antibody - Azide Free NBP1-32396

Unit Size: 0.1 ml

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

www.novusbio.com



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Publications: 2

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NBP1-32396

IDH3A Antibody - Azide Free

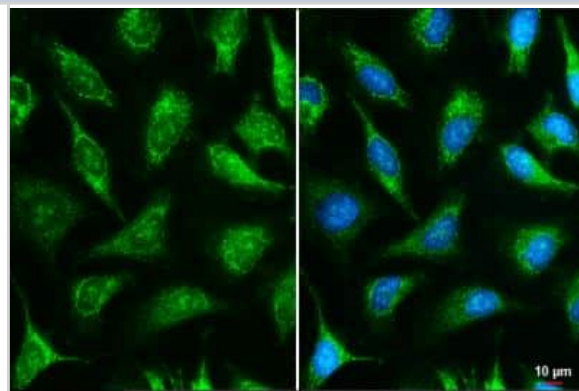
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	40 kDa

Product Description	
Description	Novus Biologicals Rabbit IDH3A Antibody - Azide Free (NBP1-32396) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IDH3A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

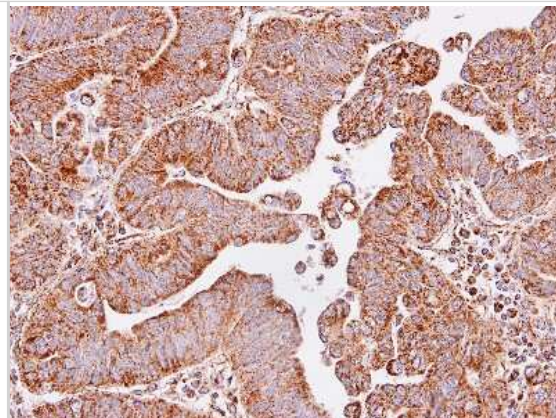
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin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

Images

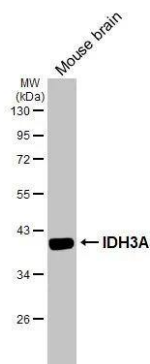
Immunocytochemistry/Immunofluorescence: IDH3A Antibody [NBP1-32396] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: IDH3A stained by IDH3A antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar= 10 μ m.



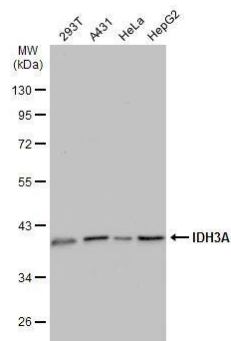
Immunohistochemistry-Paraffin: IDH3A Antibody [NBP1-32396] - Human lung SCC, using IDH3A antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



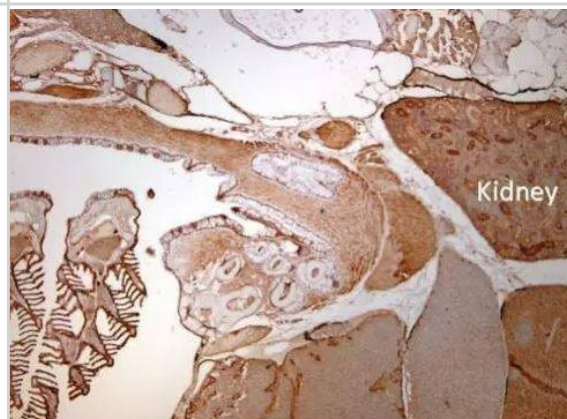
Mouse tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (NBP1-32396) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



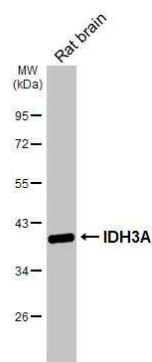
Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (NBP1-32396) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



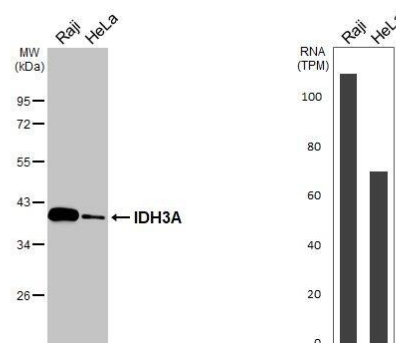
Immunohistochemistry-Paraffin: IDH3A Antibody [NBP1-32396] - Analysis of paraffin-embedded zebrafish tissue, using IDH3A antibody at 1:300 dilution.



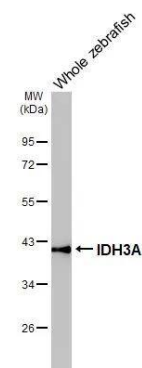
Rat tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (NBP1-32396) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



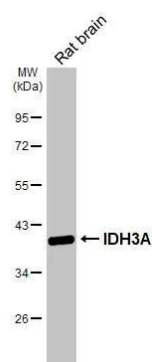
Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (NBP1-32396) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



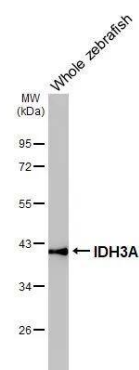
Whole zebrafish extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (NBP1-32396) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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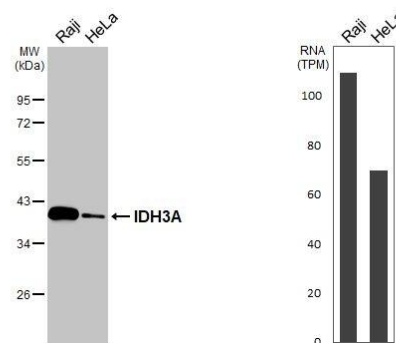


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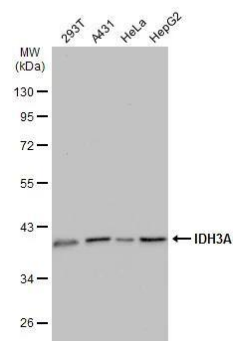


Mouse tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (NBP1-32396) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. ✘

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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

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