

IDH3A antibody

Cat. No. GTX104073

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Zebrafish

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 40 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.24 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human IDH3A. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

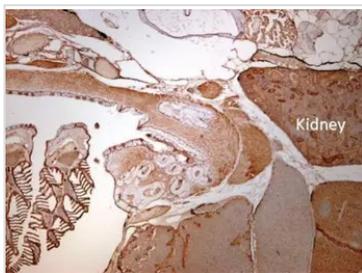
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

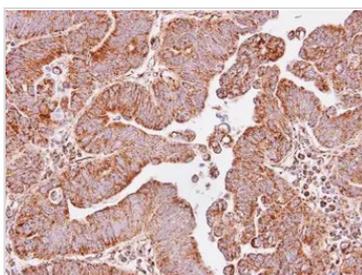
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DATA IMAGES

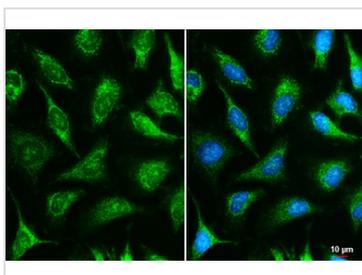
**GTX104073 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded zebrafish tissue, using IDH3A antibody (GTX104073) at 1:300 dilution.

**GTX104073 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded human lung SCC, using IDH3A(GTX104073) antibody at 1:100 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

**GTX104073 ICC/IF Image**

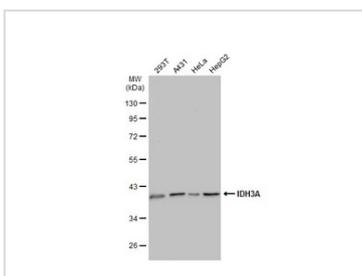
IDH3A antibody detects IDH3A protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

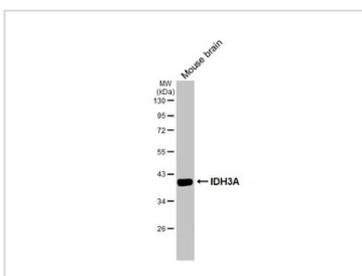
Green: IDH3A stained by IDH3A antibody (GTX104073) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar= 10 μm.

**GTX104073 WB Image**

Various whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (GTX104073) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX104073 WB Image**

Mouse tissue extract (50 μg) was separated by 10% SDS-PAGE, and the membrane was blotted with IDH3A antibody (GTX104073) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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