

## MDH2 antibody

Cat. No. GTX105870

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

References ( 4 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 36 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	0.16 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human MDH2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

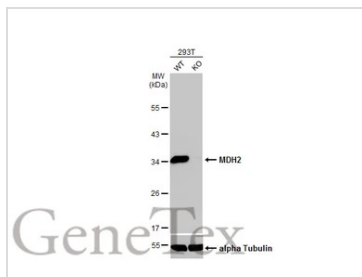
## Note

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

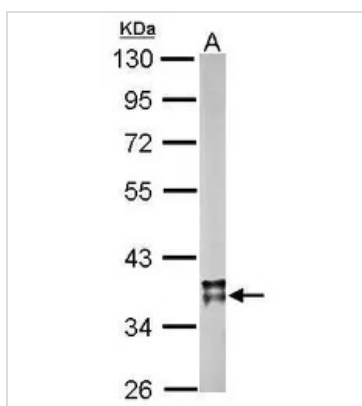
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**DATA IMAGES**

**GTX105870 WB Image**

Wild-type (WT) and MDH2 knockout (KO) 293T cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with MDH2 antibody (GTX105870) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX105870 WB Image**

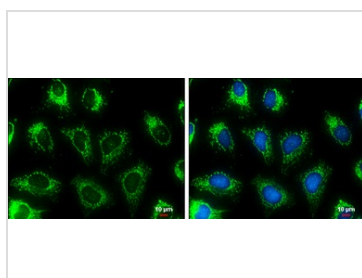
Sample (20 µg of whole cell lysate)

A: mouse brain

10% SDS PAGE

GTX105870 diluted at 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX105870 ICC/IF Image**

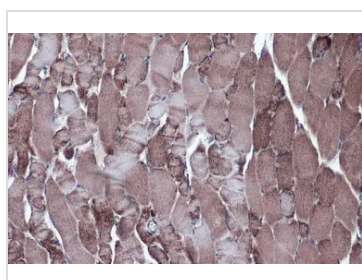
MDH2 antibody detects MDH2 protein at mitochondria by immunofluorescent analysis.

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

Green: MDH2 stained by MDH2 antibody (GTX105870) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.


**GTX105870 IHC-P Image**

MDH2 antibody detects MDH2 protein at mitochondria by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

MDH2 stained by MDH2 antibody (GTX105870) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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