

IDH2 antibody [GT673]

Cat. No. GTX628487

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Reference (1)
Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 51 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human IDH2. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

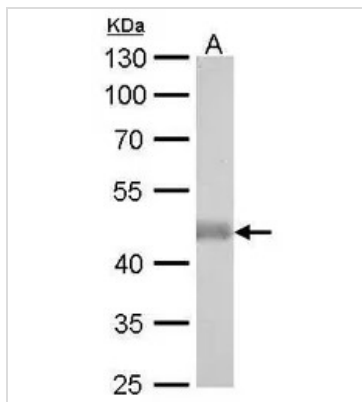
Note

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

GTX628487 WB Image

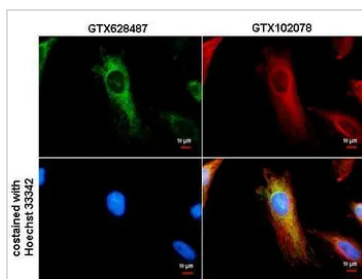
IDH2 antibody [GT673] detects IDH2 protein by western blot analysis.

A. 50 µg mouse brain lysate/extract

10% SDS-PAGE

IDH2 antibody [GT673] (GTX628487) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX628487 ICC/IF Image

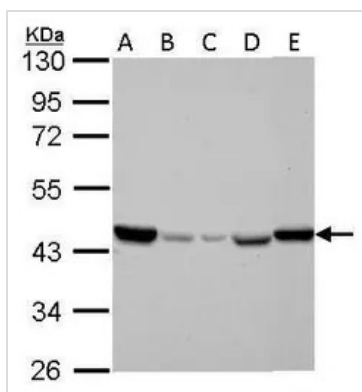
IDH2 antibody detects IDH2 protein at Mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde/PBS for 15 min.

Green: IDH2 protein stained by IDH2 antibody (GTX628487) diluted at 1:500.

Red: alpha Tubulin protein stained by alpha Tubulin antibody (GTX102078) diluted at 1:500.

Blue: Hoechst 33342 staining.


GTX628487 WB Image

IDH2 antibody detects IDH2 protein by western blot analysis.

A. 30 µg Jurkat whole cell lysate/extract

B. 30 µg Raji whole cell lysate/extract

C. 30 µg K562 whole cell lysate/extract

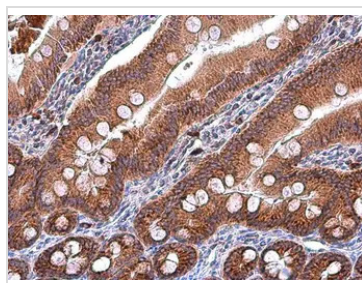
D. 30 µg THP-1 whole cell lysate/extract

E. 30 µg NCI-H929 whole cell lysate/extract

10% SDS-PAGE

IDH2 antibody (GTX628487) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX628487 IHC-P Image

IDH2 antibody [GT673] detects IDH2 protein at cytoplasm in rat duodenum by immunohistochemical analysis.

Sample: Paraffin-embedded rat duodenum.

IDH2 antibody [GT673] (GTX628487) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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