

IDH2 antibody [GT673]

Cat. No. GTX628487

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

References (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
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

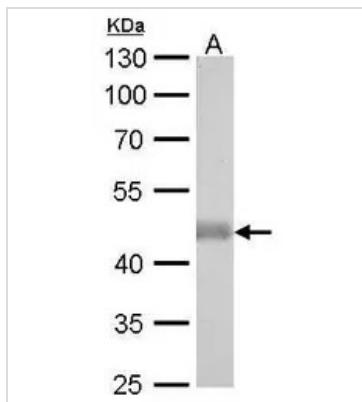
Note

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DATA IMAGES

GTX628487 WB Image

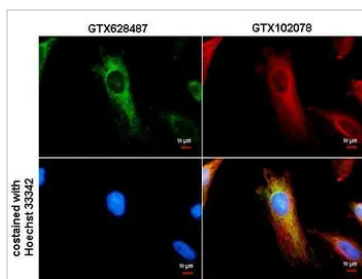
IDH2 antibody [GT673] detects IDH2 protein by western blot analysis.

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

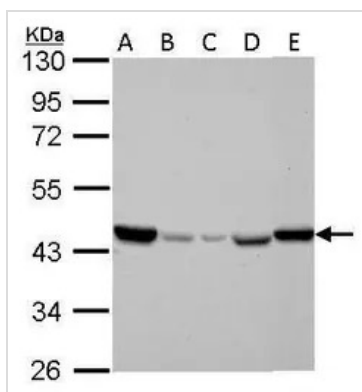
IDH2 antibody detects IDH2 protein at Mitochondria by immunofluorescent analysis.

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

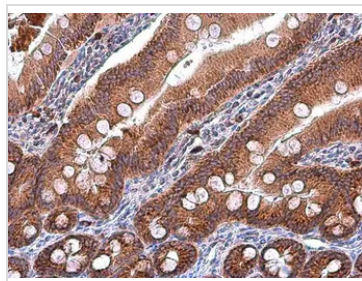
D. 30 µg THP-1 whole cell lysate/extract

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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