

## IDH1 antibody [GT1521]

Cat. No. GTX629818

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Application	WB, ICC/IF, IP
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	1:500-1:10000
ICC/IF	1:100-1:1000
IP	1:100-1:1000

Not tested in other applications.

Calculated MW 47 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 IDH1. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

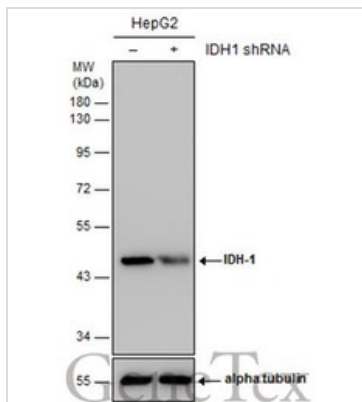
## Note

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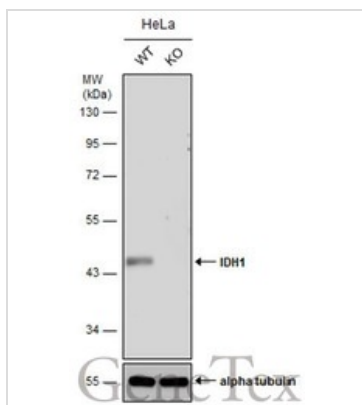
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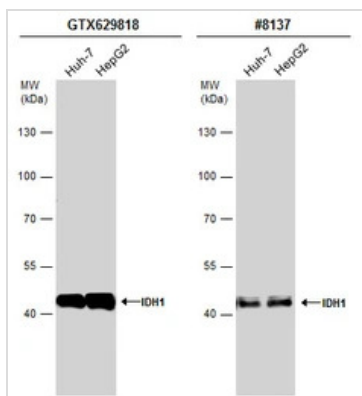
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**DATA IMAGES**

**GTX629818 WB Image**

Non-transfected (–) and transfected (+) HepG2 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH1 antibody [GT1521] (GTX629818) diluted at 1:4000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


**GTX629818 WB Image**

Wild-type (WT) and IDH1 knockout (KO) HeLa cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with IDH1 antibody [GT1521] (GTX629818) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


**GTX629818 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with IDH1 antibody [GT1521] (GTX629818) diluted at 1:1000 and competitor's antibody (CST#8137) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

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