

**Product Name: IDH1 (2P17) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe12352**

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## Summary

<b>Production Name</b>	IDH1 (2P17) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	IDH1
<b>Alternative Names</b>	HEL-216; HEL-S-26; ICDH; IDCD; IDH; IDH1; IDP; IDPC; PICD;
<b>Gene ID</b>	3417.0
<b>SwissProt ID</b>	O75874.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	47kDa

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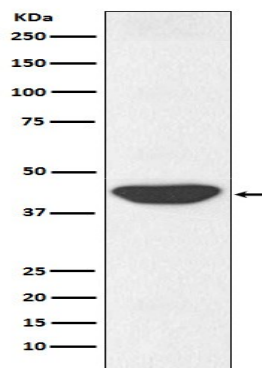
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## Background

Genetic variations are associated with cartilaginous tumors such as enchondroma or chondrosarcoma. Mutations of Arg-132 to Cys, Gly or His abolish the conversion of isocitrate to alpha-ketoglutarate. Instead, alpha-ketoglutarate is converted to R(-)-2-hydroxyglutarate.

## Research Area

## Image Data



Western blot analysis of IDH1 expression in HepG2 cell lysate.

## Note

For research use only.