

Product Datasheet

IDH1 Antibody



Catalog No: CY8115

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IP

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Information

UniProt ID: O75874

All Names: HEL-216; HEL-S-26; ICDH; IDCD; IDH; IDH1; IDP; IDPC; PICD;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 45kDa

Application

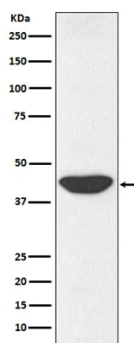
WB 1:500~1:2000

IHC 1:50~1:200

IP 1:50

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.



Western blot analysis of IDH1 expression in HepG2 cell lysate.

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