

Datasheet for ABIN7607044

Recombinant anti-IDH1 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	IDH1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This IDH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	IDH1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human IDH1
Isotype:	IgG
Specificity:	IDH1 Antibody detects endogenous levels of total IDH1
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	IDH1
Alternative Name:	IDH1 (IDH1 Products)

Target Details

Background:	HEL-216, HEL-S-26, ICDH, IDCD, IDH, IDH1, IDP, IDPC, PICD,
Molecular Weight:	45kDa
UniProt:	O75874
Pathways:	Warburg Effect

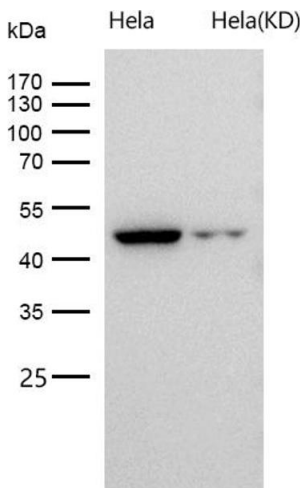
Application Details

Application Notes:	WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50
Restrictions:	For Research Use only

Handling

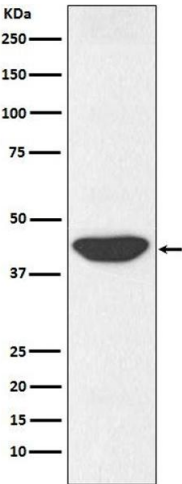
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. 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 Blotting

Image 2. Western blot analysis of IDH1 expression in HepG2 cell lysate.