

Rabbit Isocitrate Dehydrogenase 1, Soluble (IDH1) Polyclonal Antibody | anti-IDH1 antibody

Polyclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)

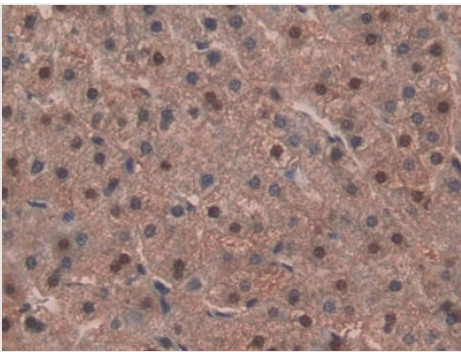
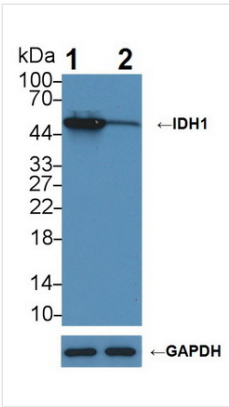
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133137	Rabbit	Human, Mouse, Pig	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Isocitrate Dehydrogenase 1; Soluble (IDH1); Polyclonal Antibody; Polyclonal Antibody to Isocitrate Dehydrogenase 1; anti-IDH1 antibody

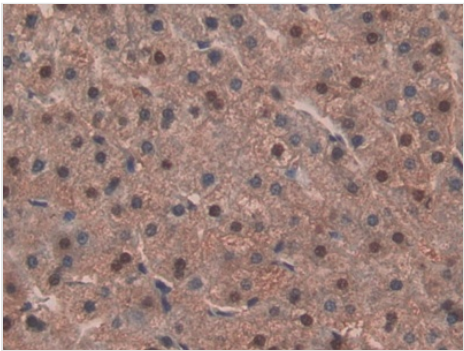
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against IDH1. It has been selected for its ability to recognize IDH1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-ATITPDEK RVEEFKLKQM WKSPNGTIRN ILGGTVFREA IICKNIPRLV SGWVKPIIG RHAYGDQYRA TDFVVPGP GK VEITYTPSDG TQKVTVLVHN FEEGGGVAMG MYNQDKSIED FAHSSFQMAL SKGWPLYLST KNTILKKYDG RFKDIFQEIY DKQYKSQFEA QKIWYEHRLI DDMVAQAMKS EGGFIWACKN YDGDVQSDSV AQGYGSLGMM TSVLVCPDGK TVEAEAAHGT VTRHYRMYQK GQETSTNP IA SI
Sequence Length	286
Applicable Applications for anti-IDH1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant IDH1 (Ala74~Ile333) expressed in E.coli.
Cross Reactivity	Human, Mouse, Pig
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

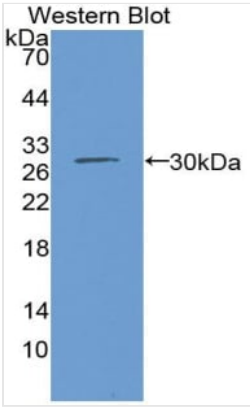


IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Liver Tissue

Knockout Validation
Knockout Validation: Lane 1: Wild-type HepG2 cell lysate;;Lane 2: IDH1 knockout HepG2 cell lysate;;Predicted MW: 47kDa ;Observed MW: 47kDa;Primary Ab: 2ug/ml Rabbit Anti-Human IDH1 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IDH1 antibody	Knock-Out Validation Antibody
--	-------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	538917488
NCBI GeneID	3417
NCBI Accession #	NP_001269315.1
NCBI GenBank Nucleotide #	NM_001282386.1
UniProt Accession #	O75874; Q567U4; Q6FHQ6; Q7Z3V0; Q93090; Q9NTJ9; Q9UKW8
Molecular Weight	46,659 Da
NCBI Official Full Name	isocitrate dehydrogenase
NCBI Official Synonym Full Names	isocitrate dehydrogenase (NADP(+)) 1, cytosolic
NCBI Official Symbol	IDH1
NCBI Official Synonym Symbols	IDH; IDP; IDCD; IDPC; PICD; HEL-216; HEL-S-26

NCBI Protein Information	isocitrate dehydrogenase [NADP] cytoplasmic
UniProt Protein Name	Isocitrate dehydrogenase [NADP] cytoplasmic
UniProt Gene Name	IDH1
UniProt Synonym Gene Names	PICD; IDH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/isocitrate-dehydrogenase-1-soluble-idh1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133137>