

Goat IDH1 Polyclonal Antibody | anti-IDH1 antibody

Goat anti-IDH1 (aa65-77) Antibody

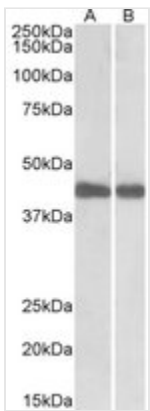
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61538	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Sheep	Western Blot, ELISA

PRODUCT SYNONYMS

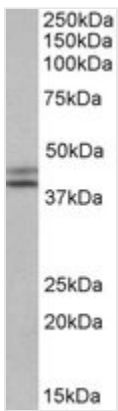
IDH1; Polyclonal Antibody; Goat anti-IDH1 (aa65-77) Antibody; Goat Anti-IDH1 (aa153-164) Antibody; isocitrate dehydrogenase 1 (NADP+); soluble; IDCD; IDH; IDP; IDPC; PICD; NADP+-specific ICDH; NADP-dependent isocitrate dehydrogenase; cytosolic; peroxisomal; OTTHUMP00000206464; OTTHUMP00000206465; OTTHUMP00; IDCD antibody; IDH antibody; IDP antibody; IDPC antibody; soluble antibody; NADP+-specific ICDH antibody; cytosolic antibody; peroxisomal antibody; OTTHUMP00 antibody; OTTHUMP00000206464 antibody; OTTHUMP00000206465 antibody; PICD antibody; IDH1 antibody; IDH1 (aa65-77); anti-IDH1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Sheep
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KKHNVGVKCA TIT
Sequence Length	414
Applicable Applications for anti-IDH1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence KKHNVGVKCATIT, from the internal region of the protein sequence according to NP_005887.2.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0.1ug/ml staining of Mouse (A) and Rat (B) Liver lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0.1ug/ml staining of HepG2 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28178825
NCBI GeneID	3417
NCBI Accession #	NP_005887.2
NCBI GenBank Nucleotide #	NM_005896.3
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
UniProt Entry Name	IDHC_HUMAN

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.