

Rabbit Isocitrate dehydrogenase Polyclonal Antibody | anti-IDH1 antibody

Isocitrate dehydrogenase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75693	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

Isocitrate dehydrogenase; Polyclonal Antibody; Isocitrate dehydrogenase Antibody; Cytosolic NADP isocitrate dehydrogenase; Epididymis luminal protein 216; Epididymis secretory protein Li 26; HEL-216; ICDH; IDCD; IDH; Idh1; IDP; IDPC; Isocitrate dehydrogenase [NADP] cytoplasmic; NADP dependent isocitrate dehydrogenase cytosolic; NADP(+)-specific ICDH; Oxalosuccinate decarboxylase; PICD antibody; anti-IDH1 antibody

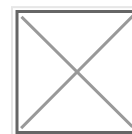
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.61-0.63 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	414
Applicable Applications for anti-IDH1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide taken within amino acid region 100-150.
Molecular Function	Magnesium; Manganese; Metal-binding; NADP
Structure	Belongs to icocitrate and isopropylmalate dehydorgenases family
Subcellular Location	Cytoplasm; Peroxisome
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohiostchemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-IDH1 antibody	Affinity Purified IDH1 Antibody Catalytic activity: Isocitrate + NADP+ = 2-oxoglutarate + CO2 + NADPH. Binds 1 magnesium or manganese ion per subunit as cofactor.
Product Categories/Family for anti-IDH1 antibody	Primary Antibodies; Metabolism & Homeostasis; Energy Metabolism; Isocitrate dehydrogenase Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	49168486
NCBI GeneID	3417
UniProt Accession #	Q6FI37; O75874
Molecular Weight	46,677 Da
NCBI Official Full Name	IDH1
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]
UniProt Gene Name	IDH1
UniProt Entry Name	Q6FI37_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/isocitrate-dehydrogenase-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-confocal-microscopy-elisa/75693>