

Rabbit IDH1 Polyclonal Antibody | anti-IDH1 antibody

IDH1 Antibody

CATALOG # AAA233227	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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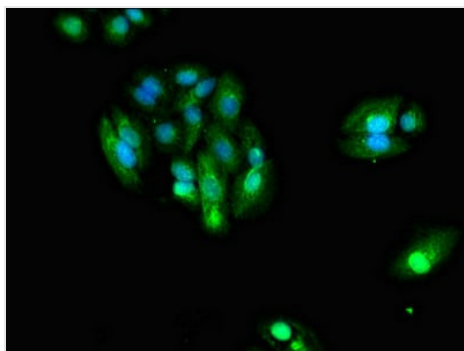
PRODUCT SYNONYMS

IDH1; Polyclonal Antibody; IDH1 Antibody; Isocitrate dehydrogenase [NADP] cytoplasmic; IDH; Cytosolic NADP-isocitrate dehydrogenase; IDP; NADP(+)-specific IDH; Oxalosuccinate decarboxylase; PICD; anti-IDH1 antibody

PRODUCT SPECIFICATIONS

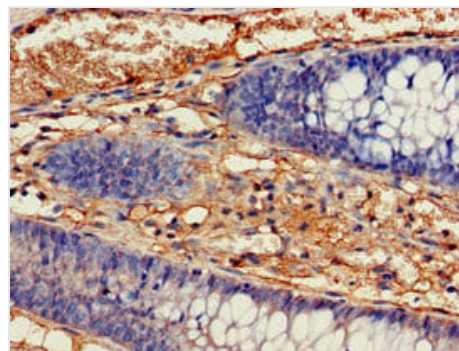
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	414
Applicable Applications for anti-IDH1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Isocitrate dehydrogenase [NADP] cytoplasmic protein (1-240AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



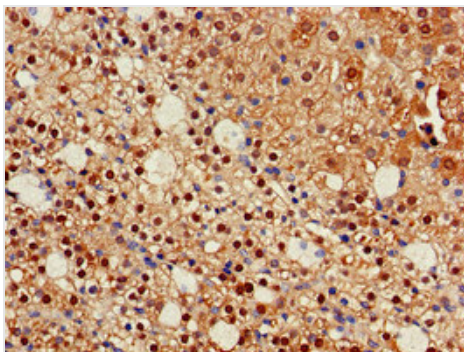
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233227 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



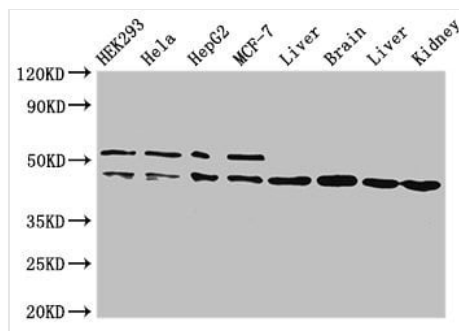
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA233227 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA233227 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HEK293 whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, Rat liver tissue, Mouse brain tissue, Mouse liver tissue, Mouse kidney tissue. All lanes: IDH1 antibody at 2ug/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 47 KDa. Observed band size: 47, 52 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-IDH1 antibody

Cell-cell adherens junction, cytoplasm, cytosol, extracellular exosome, peroxisomal matrix, peroxisome, (R)-2-hydroxyglutarate dehydrogenase activity, cadherin binding involved in cell-cell adhesion, isocitrate dehydrogenase (NADP+) activity, magnesium ion binding

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/idh1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233227>