

Rabbit anti-Human, Pig Isocitrate Dehydrogenase 2 Polyclonal Antibody | anti-IDH2 antibody

Polyclonal Antibody to Isocitrate Dehydrogenase 2, mitochondrial (IDH2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20879	Rabbit	Human, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

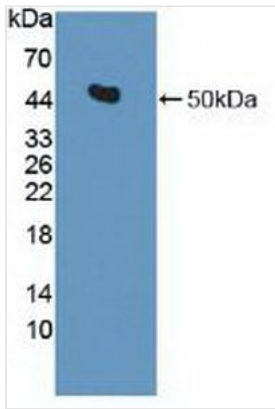
PRODUCT SYNONYMS

Isocitrate Dehydrogenase 2; Polyclonal Antibody; Polyclonal Antibody to Isocitrate Dehydrogenase 2; mitochondrial (IDH2); anti-IDH2 antibody

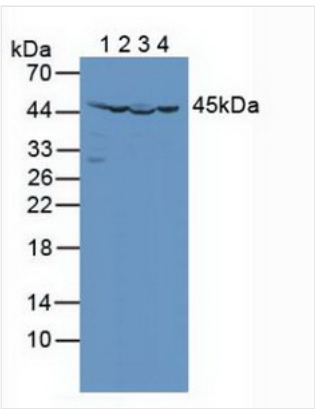
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against IDH2. It has been selected for its ability to recognize IDH2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-IDH2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Fragment	IDH2 (Ala40~Gln452)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant IDH2 (Ala40~Gln452) expressed in E Coli.
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.

IMAGES



KO (Knockout Validation)
Knockout Validation: Lane 1: Wild-type Jurkat cell lysate;;Lane 2: IDH2 knockout Jurkat cell lysate;;Predicted MW: 51,45kDa ;Observed MW: 45kDa;Primary Ab: 1ug/ml Rabbit Anti-Human IDH2 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;(Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human Lung Tissue; Lane2: Human Jurkat Cells; Lane3: Porcine Heart Tissue; Lane4: Porcine Liver Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IDH2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	583966148
NCBI GeneID	3418
NCBI Accession #	NP_001276839.1
NCBI GenBank Nucleotide #	NM_001289910.1
UniProt Accession #	P48735; Q96GT3; B2R6L6; B4DFL2
Molecular Weight	45,180 Da
NCBI Official Full Name	isocitrate dehydrogenase
NCBI Official Synonym Full Names	isocitrate dehydrogenase (NADP(+)) 2, mitochondrial
NCBI Official Symbol	IDH2
NCBI Official Synonym Symbols	IDH; IDP; IDHM; IDPM; ICD-M; D2HGA2; mNADP-IDH
NCBI Protein Information	isocitrate dehydrogenase [NADP], mitochondrial
UniProt Protein Name	Isocitrate dehydrogenase [NADP], mitochondrial
UniProt Gene Name	IDH2
UniProt Synonym Gene Names	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.