

Rabbit IDH2 Polyclonal Antibody | anti-IDH2 antibody

IDH2 Polyclonal Antibody

CATALOG # AAA169278	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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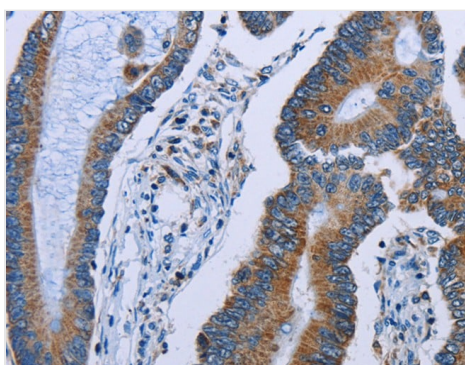
PRODUCT SYNONYMS

IDH2; Polyclonal Antibody; IDH2 Polyclonal Antibody; IDH; IDP; IDHM; IDPM; ICD-M; D2HGA2; mNADP-IDH; anti-IDH2 antibody

PRODUCT SPECIFICATIONS

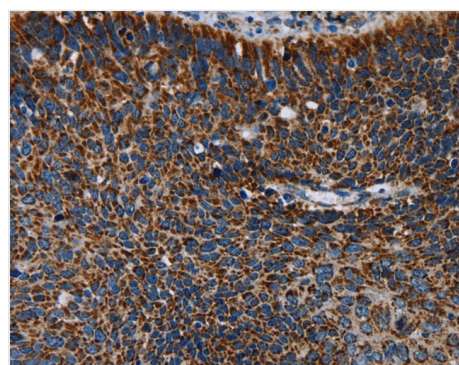
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.5mg/mL (varies by lot)
Sequence Length	48
Applicable Applications for anti-IDH2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human IDH2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



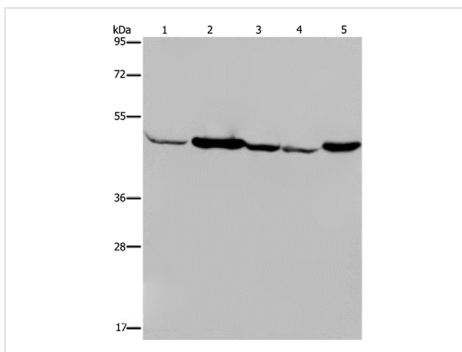
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using IDH2 Polyclonal Antibody at dilution of 1:60



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer using IDH2 Polyclonal Antibody at dilution of 1:60



WB (Western Blot)

Western Blot analysis of Human fetal muscle tissue, Jurkat and 293T cell, Hela cell and Mouse liver tissue using IDH2 Polyclonal Antibody at dilution of 1:600

ADDITIONAL INFORMATION

Related Product Information for anti-IDH2 antibody

Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP(+)-dependent isozyme is a homodimer. The protein encoded by this gene is the NADP(+)-dependent isocitrate dehydrogenase found in the mitochondria. It plays a role in intermediary metabolism and energy production. This protein may tightly associate or interact with the pyruvate dehydrogenase complex. Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-IDH2 antibody

Cancer; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	440198646
Molecular Weight	5,213 Da
NCBI Official Full Name	IDH2, partial
UniProt Protein Name	IDH2
UniProt Gene Name	IDH2
UniProt Entry Name	T1QFW9_NEOPH

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://www.aaabiotech.com/polyclonal/idh2-antibody-immunohistochemistry-western-blot-elisa/169278>