

Rabbit IDH3B Polyclonal Antibody | anti-IDH3B antibody

IDH3B Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201380	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

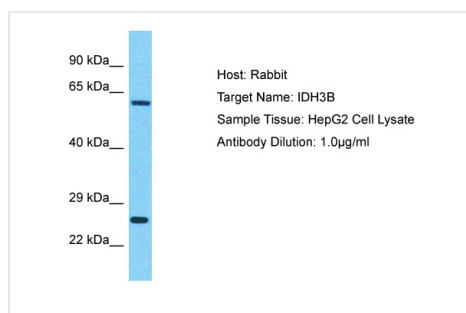
PRODUCT SYNONYMS

IDH3B; Polyclonal Antibody; IDH3B Antibody - N-terminal region; anti-IDH3B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RI AKFAFDYATK KGRGKVTA VH KANIMKLG DG LFLQCCEEVA ELYPKIKF
Sequence Length	233
Applicable Applications for anti-IDH3B antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human IDH3B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: IDH3B Sample Type: HepG2 Whole Cell Lysates Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-IDH3B antibody	This is a rabbit polyclonal antibody against IDH3B. It was validated on Western Blot Target Description: 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. NAD(+)-dependent isocitrate dehydrogenases catalyze the allosterically regulated rate-limiting step of the tricarboxylic acid cycle. Each isozyme is a heterotetramer that is composed of two alpha subunits, one beta subunit, and one gamma subunit. The protein encoded by this gene is the beta subunit of one isozyme of NAD(+)-dependent isocitrate dehydrogenase.
Product Categories/Family for anti-IDH3B antibody	Polyclonal; Mitochondria

NCBI AND UNIPROT INFORMATION

NCBI GI #	385648280
NCBI GeneID	3420
NCBI Accession #	NP_001245313.1
NCBI GenBank Nucleotide #	NM_001258384.2
UniProt Accession #	O43837
Molecular Weight	25kDa
NCBI Official Full Name	isocitrate dehydrogenase
NCBI Official Synonym Full Names	isocitrate dehydrogenase 3 (NAD(+)) beta
NCBI Official Symbol	IDH3B
NCBI Official Synonym Symbols	RP46
NCBI Protein Information	isocitrate dehydrogenase [NAD] subunit beta, mitochondrial
UniProt Protein Name	Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial
UniProt Gene Name	IDH3B
UniProt Entry Name	IDH3B_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/idh3b-antibody-western-blot-elisa/201380>