

Rabbit IDH3B Polyclonal Antibody | anti-IDH3B antibody

IDH3B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169934	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

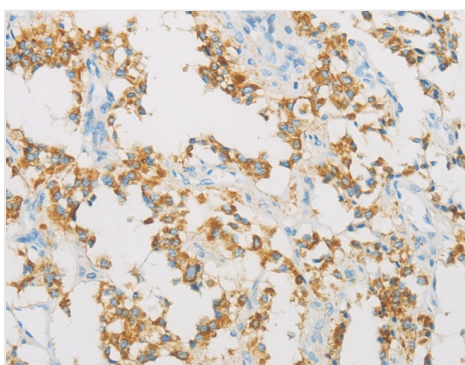
PRODUCT SYNONYMS

IDH3B; Polyclonal Antibody; IDH3B Polyclonal Antibody; RP46; H-IDHB; anti-IDH3B antibody

PRODUCT SPECIFICATIONS

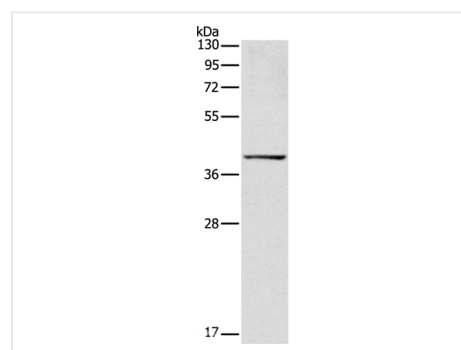
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	376
Applicable Applications for anti-IDH3B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human IDH3B
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 thyroid cancer using IDH3B Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Mouse eyes tissue using IDH3B Polyclonal Antibody at dilution of 1:240

ADDITIONAL INFORMATION

Related Product Information for anti-IDH3B 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. 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. Three alternatively spliced transcript variants encoding different isoforms have been described for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	385648280
NCBI GeneID	3420
NCBI Accession #	NP_001245313.1
NCBI GenBank Nucleotide #	NM_001258384.1
Molecular Weight	25,555 Da
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; H-IDHB
NCBI Protein Information	isocitrate dehydrogenase [NAD] subunit beta, mitochondrial; isocitrate dehydrogenase [NAD] subunit beta, mitochondrial; NAD(+)-specific ICDH subunit beta; NAD+-specific ICDH; NAD+-specific isocitrate dehydrogenase b subunit; NAD+-specific isocitrate dehydrogenase beta; isocitrate dehydrogenase, NAD(+)-specific, mitochondrial, beta subunit; isocitric dehydrogenase subunit beta
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-immunohistochemistry-western-blot-elisa/169934>