

Rabbit IDH3B Polyclonal Antibody | anti-IDH3B antibody

IDH3B Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313457	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

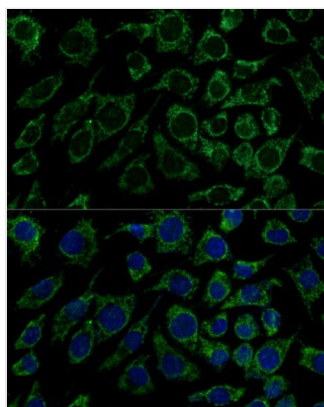
PRODUCT SYNONYMS

IDH3B; Polyclonal Antibody; IDH3B Rabbit Polyclonal Antibody; RP46; anti-IDH3B antibody

PRODUCT SPECIFICATIONS

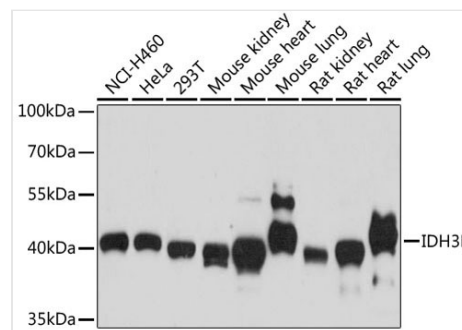
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-IDH3B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human IDH3B (NP_008830.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using IDH3B Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using IDH3B at 1:3000 dilution.

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. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-IDH3B antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	385648280
NCBI GeneID	3420
NCBI Accession #	NP_001245313.1
NCBI GenBank Nucleotide #	NM_001258384.1
UniProt Accession #	O43837; O95106; Q5JXS8; Q9NQ06; Q9NQ07; Q9NUZ0; Q9UEX0; Q9UG99; B2RDR1; D3DVX2; D3DVX3
Molecular Weight	42,184 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; NAD(+)-specific ICDH subunit beta; isocitric dehydrogenase subunit beta; NAD+-specific isocitrate dehydrogenase bet
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/idh3b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313457>