

Rabbit IDH3G Polyclonal Antibody | anti-IDH3G antibody

IDH3G Polyclonal Antibody

CATALOG # AAA167670	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

IDH3G; Polyclonal Antibody; IDH3G Polyclonal Antibody; H-IDHG; anti-IDH3G antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Concentration	1.2mg/mL (varies by lot)
Sequence Length	393
Applicable Applications for anti-IDH3G antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human IDH3G
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



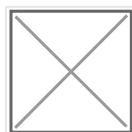
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human cervical cancer using IDH3G Polyclonal Antibody at dilution of 1:30



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using IDH3G Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of A431 cell and Mouse brain tissue using IDH3G Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-IDH3G 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1708404
NCBI GeneID	3421
Molecular Weight	Calculated Molecular Weight: 43kDa
NCBI Official Full Name	Isocitrate dehydrogenase
NCBI Official Synonym Full Names	isocitrate dehydrogenase 3 (NAD+) gamma
NCBI Official Symbol	IDH3G
NCBI Official Synonym Symbols	H-IDHG
NCBI Protein Information	isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial; isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial; IDH-gamma; NAD (H)-specific isocitrate dehydrogenase gamma subunit; NAD(+)-specific ICDH subunit gamma; NAD+-specific ICDH; isocitrate dehydrogenase, NAD(+)-specific, mitochondrial, gamma subunit; isocitric dehydrogenase subunit gamma
UniProt Protein Name	Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial
UniProt Gene Name	IDH3G
UniProt Entry Name	IDH3G_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/idh3g-antibody-immunohistochemistry-western-blot-elisa/167670>