

Rabbit IDH3G Polyclonal Antibody | anti-IDH3G antibody

IDH3G Antibody

CATALOG # AAA225591	HOST Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

IDH3G; Polyclonal Antibody; IDH3G Antibody; Affinity Purified Rabbit Polyclonal IDH3G Antibody; Polyclonal IDH3G antibody; Anti-IDH3G antibody; NAD⁺-specific IDH antibody; IDH3G antibody; IDH3; NAD (H)-specific isocitrate dehydrogenase gamma subunit antibody; isocitrate dehydrogenase NAD(+)-specific mitochondrial gamma subunit antibody; IDH3; isocitrate dehydrogenase [NAD] subunit gamma mitochondrial antibody; IDH3 antibody; IDH3 antibody; H-IDH3 antibody; anti-IDH3G antibody

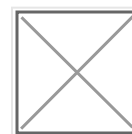
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-IDH3G antibody	WB (Western Blot)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431) using a 10% SDS PAGE gel and IDH3G antibody at a dilution of 1:1000


WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 10% SDS PAGE gel and IDH3G antibody at a dilution of 1:1000

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. The protein encoded by this gene is the gamma subunit of one isozyme of NAD-dependent isocitrate dehydrogenase. This gene is a candidate gene for periventricular heterotopia.

Product Categories/Family for anti-IDH3G antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	1494126787
Molecular Weight	43 kDa
NCBI Official Full Name	IDH3G

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-western-blot-elisa/225591>