

Goat IDH3G Polyclonal Antibody | anti-IDH3G antibody

Goat anti-IDH3G (aa337-350) Antibody

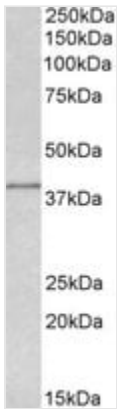
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61576	Goat	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

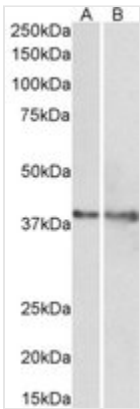
IDH3G; Polyclonal Antibody; Goat anti-IDH3G (aa337-350) Antibody; isocitrate dehydrogenase 3 (NAD+) gamma; H-IDHG; IDH-gamma; NAD (H)-specific isocitrate dehydrogenase gamma subunit; NAD(+)-specific ICDH subunit gamma; NAD+-specific ICDH; OTTHUMP00000025984; OTTHUMP00000025987; OTTHUMP00000025988; isocitrate dehy; IDH3G antibody; isocitrate dehydrogenase 3 (NAD+) gamma antibody; H-IDHG antibody; IDH-gamma antibody; NAD (H)-specific isocitrate dehydrogenase gamma subunit antibody; NAD(+)-specific ICDH subunit gamma antibody; NAD+-specific ICDH antibody; OTTHUMP00000025984 antibody; OTTHUMP00000025987 antibody; OTTHUMP00000025988 antibody; isocitrate dehydrogenase [NAD] subunit gamma; mitochondrial antibody; isocitrate dehydrogenase; NAD(+)-specific; mitochondrial; gamma subunit antibody; isocitric dehydrogenase subunit gamma antibody; IDH3G (aa337-350); anti-IDH3G antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	DHLKLHSYAT SIRK
Sequence Length	393
Applicable Applications for anti-IDH3G antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DHLKLHSYATSIRK, from the internal region of the protein sequence according to NP_004126.1; NP_777358.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_004126.1; NP_777358.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0.5ug/ml) staining of MCF7 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
1ug/ml) staining of Rat (A) and Pig (B) Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758582
NCBI GeneID	3421
NCBI Accession #	NP_004126.1; NP_777358.1
NCBI GenBank Nucleotide #	NM_004135.3
Molecular Weight	41,468 Da
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
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.