

Goat IDH1 Polyclonal Antibody | anti-IDH1 antibody

Goat anti-IDH1 (yeast) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61634	Goat	Tested: <i>S. cerevisiae</i> S288c; Expected from sequence similarity: <i>Saccharomyces cerevisiae</i>	Western Blot, ELISA

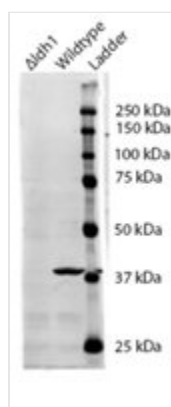
PRODUCT SYNONYMS

IDH1; Polyclonal Antibody; Goat anti-IDH1 (yeast) Antibody; Idh1p; YNL037C; Subunit of mitochondrial NAD(+)-dependent isocitrate dehydrogenase; which catalyzes the oxidation of isocitrate to alpha-ketoglutarate in the TCA cycle; IDH1 antibody; Idh1p antibody; YNL037C antibody; which catalyzes the oxidation of isocitrate to alpha-ketoglutarate in the TCA cycle antibody; IDH1 (yeast); anti-IDH1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: <i>S. cerevisiae</i> S288c; Expected from sequence similarity: <i>Saccharomyces cerevisiae</i>
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	EPGSRHVGLD IKGQN
Sequence Length	360
Applicable Applications for anti-IDH1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-EPGSRHVGLDIKGQN, from the internal region of the protein sequence according to NP_014361.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

AAA61634 (0.5ug/ml) staining of *S. cerevisiae* S288c lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. The blocking buffer contained non-animal derived protein. Data kindly provided by Dr. F Reggiori, University of Utrecht, Netherlands

NCBI AND UNIPROT INFORMATION

NCBI GI #	6324291
NCBI GeneID	855691
NCBI Accession #	NP_014361.1
NCBI GenBank Nucleotide #	NM_001182876.1
NCBI Official Full Name	isocitrate dehydrogenase (NAD(+)) IDH1
NCBI Official Symbol	IDH1
NCBI Protein Information	isocitrate dehydrogenase (NAD(+)) IDH1
UniProt Protein Name	Isocitrate dehydrogenase [NAD] subunit 1, mitochondrial
UniProt Gene Name	IDH1
UniProt Entry Name	IDH1_YEAST

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/idh1-antibody-western-blot-peptide-elisa-elisa/61634>