



Goat anti-IDH3A Antibody

Item Number	dAP-2403
Target Molecule	Principle Name: IDH3A; Official Symbol: IDH3A; All Names and Symbols: IDH3A; isocitrate dehydrogenase 3 (NAD+) alpha; H-IDH alpha; NAD(+)-specific ICDH subunit alpha; NAD(H)-specific isocitrate dehydrogenase alpha subunit; NAD+-specific ICDH; isocitrate dehydrogenase (NAD+) alpha chain; isocitrate dehydrogenase [NAD] subunit; Accession Number (s): NP_005521.1; Human Gene ID(s): 3419; Non-Human Gene-ID(s): 67834 (mouse) 114096 (rat)
Immunogen	DFTEEICRRVKDLD, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 37kDa band observed in lysates of Human Lymph Nodes, and of cell line DAUDI, and 38kDa in Human, Mouse and Rat Spleen lysates and in Pig Spleen and Skeletal Muscle lysates (calculated MW of 39.6kDa according to NP_005521.1). Recommend
IHC	
Reference	Reference(s): Bzymek KP, Colman RF. Role of alpha-Asp181, beta-Asp192, and gamma-Asp190 in the distinctive subunits of human NAD-specific isocitrate dehydrogenase. Biochemistry. 2007 May 8;46(18):5391-7..PMID: 17432878->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**