

Goat anti-Sorbitol Dehydrogenase Antibody

Item Number	dAP-0568
Target Molecule	Principle Name: Sorbitol Dehydrogenase; Official Symbol: SORD; All Names and Symbols: sorbitol dehydrogenase; SORD; SORD1; Accession Number (s): NP_003095.2; Human Gene ID(s): 6652; Non-Human GeneID(s):
Immunogen	KIMLKCDPSDQNP, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Mouse
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 16000.
Western Blot	Western Blot: Approx 38kDa band observed in Mouse Kidney lysates (calculated MW of 38.3kDa according to NP_003095.1). Recommended concentration: 0.1-0.3µg/ml. A minor band of unknown identity was also consistently observed at 48kDa. This band was success
IHC	
Reference	Reference(s): Karacaoglan V, Ozer I. Steady-state kinetic properties of sorbitol dehydrogenase from chicken liver. Comp Biochem Physiol B Biochem Mol Biol. 2005 Feb;140(2):309-12. .PMID: 15649778 ->

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**