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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06601 - Goat Anti-Sorbitol Dehydrogenase Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SORD1, SORD, sorbitol dehydrogenase

Official Symbol: SORD

Accession Number(s): NP_003095.2

Human GeneID(s): [6652](#)

Immunogen

Peptide with sequence KIMLKCDPSDQNP, from the C Terminus of the protein sequence according to NP_003095.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Peptide ELISA: antibody detection limit dilution 1:16,000. 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 successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog

Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Cao W, Aghajanian HK, Haig-Ladewig LA, Gerton GL.

Sorbitol can fuel mouse sperm motility and protein tyrosine phosphorylation via sorbitol dehydrogenase.

Biol Reprod. 2009 Jan;80(1):124-33.

PMID: 18799757



EB06601 (0.1 μ g/ml) staining of Mouse Kidney lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.