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Research Use Only. Not for diagnostic or therapeutic use.

EB09852 - Goat Anti-BOD1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: biorientation defective 1, biorientation of chromosomes in cell division

1, FAM44B, family with sequence similarity 44, member B, BOD1

Official Symbol: BOD1

Accession Number(s): NP_612378.1; NP_001153123.1

Human GeneID(s): 91272

Non-Human GeneID(s): 69556 (mouse), 287173 (rat)

Important Comments: This antibody is expected to recognize isoforms a and b

(NP_612378.1; NP_001153123.1).

Immunogen

Peptide with sequence C-NFVSTHLDKQE, from the internal region of the protein sequence according to NP_612378.1; NP_001153123.1.

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.

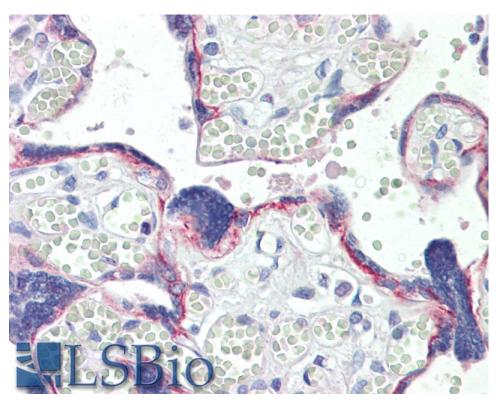
Western blot: Preliminary experiments gave an approx 37kDa band in Human Lung and Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 19.2kDa according to NP_612378.1. The 37kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Placenta. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

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



EB09852 (10 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.