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Research Use Only. Not for diagnostic or therapeutic use.

EB07464 - Goat Anti-Robo1 / DUTT1 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Robo1, roundabout homolog 1 (Drosophila), AW494633, AW742721,

DUTT1, roundabout homolog 1

Official Symbol: Robo1

Accession Number(s): NP_062286.2

Non-Human GenelD(s): 19876 (mouse), 58946 (rat)

Immunogen

Peptide with sequence C-QKARPAKKQKHQ, from the internal region of the protein sequence according to NP_062286.2.

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 1:128000.

 $\label{eq:western blot: Approx 200kDa band observed in fetal Mouse Brain lysates (calculated MW of 176kDa according to NP_062286.2). Recommended concentration: 0.05-0.2 \mu g/ml.$

Primary incubation was 1 hour.

IHC: Paraffin embedded Mouse Testis. Recommended concentration: 5µg/ml.

Species Reactivity

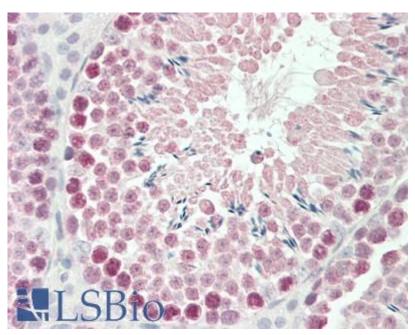
Tested: Mouse

Expected from sequence similarity: Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

20kDa

15kDa
EB07464 (0.05μg/ml) staining of fetal Mouse Brain lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB07464 (5μg/ml) staining of paraffin embedded Mouse Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.