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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 GeneID(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

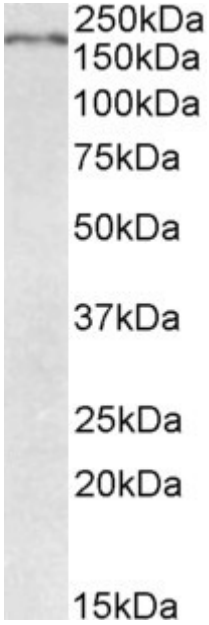
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

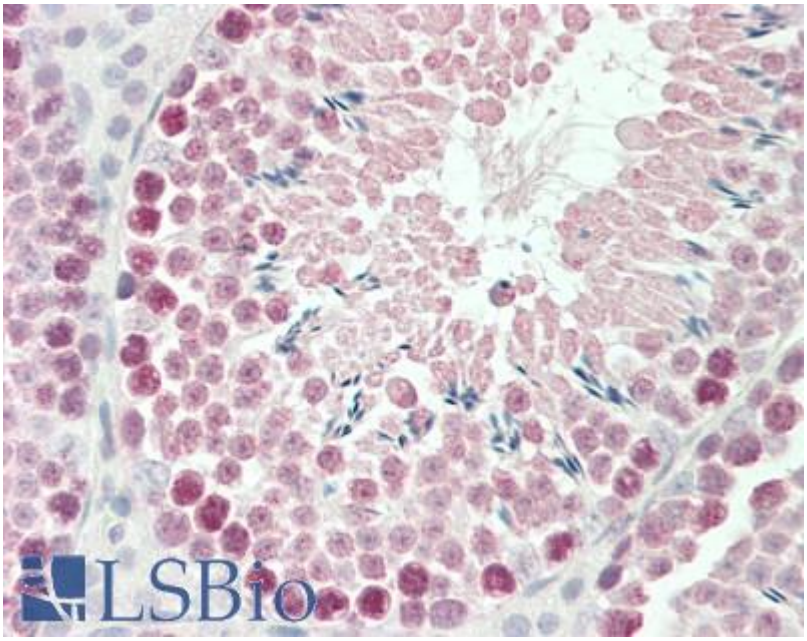
Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx 200kDa band observed in fetal Mouse Brain lysates (calculated MW of 176kDa according to NP_062286.2). Recommended concentration: 0.05-0.2µg/ml. Primary incubation was 1 hour.
IHC: Paraffin embedded Mouse Testis. Recommended concentration: 5µg/ml.

Species Reactivity

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



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.