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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 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.