

Goat anti-Robo1 / DUTT1 (mouse) Antibody

Item Number	dAP-0939
Target Molecule	Principle Name: Robo1 / DUTT1 (mouse); Official Symbol: Robo1; All Names and Symbols: Robo1; roundabout homolog 1 (Drosophila) ; AW494633; AW742721; DUTT1 ; roundabout homolog 1; Accession Number (s): NP_062286.2; Human Gene ID(s) ; Non-Human GeneID(s): 19876 (mouse) 58946 (rat)
Immunogen	QKARPAKKQKHQ, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Andrews W, Liapi A, Plachez C, Camurri L, Zhang J, Mori S, Murakami F, Parnavelas JG, Sundaresan V, Richards LJ. Robo1 regulates the development of major axon tracts and interneuron migration in the forebrain. Development. 2006 Jun;133(11):2243-52. .PMID: 16690755 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**