

Goat anti-ROBO3 / RIG1 (internal) Antibody

Item Number	dAP-1061
Target Molecule	Principle Name: ROBO3 / RIG1 (internal); Official Symbol: ROBO3; All Names and Symbols: ROBO3; RIG1; roundabout, axon guidance receptor, homolog 3 (Drosophila) ; FLJ21044; HGPPS; RBIG1; retinoblastoma inhibiting gene 1; roundabout, axon guidance receptor, homolog 3; Accession Number (s): NP_071765.2; Human Gene ID(s): 64221; Non-Human GeneID(s):
Immunogen	RRKQRKELSHYT, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 32000.
Western Blot	Western Blot: Approx 150kDa band observed in Human Brain (Cerebellum and Hippocampus) lysates (calculated MW of 148kDa according to NP_071765.2). Recommended concentration: 0.5-1µg/ml.
IHC	

Reference Reference(s): Kato H, Takeuchi O, Sato S, Yoneyama M, Yamamoto M, Matsui K, Uematsu S, Jung A, Kawai T, Ishii KJ, Yamaguchi O, Otsu K, Tsujimura T, Koh CS, Reis e Sousa C, Matsuura Y, Fujita T, Akira S. Differential roles of MDA5 and RIG-I helicases in the recognition of RNA viruses. Nature. 2006 May

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**