

Goat anti-EPHB2 / DRT / Nuk Antibody

Item Number	dAP-0988
Target Molecule	Principle Name: EPHB2 / DRT / Nuk; Official Symbol: EPHB2; All Names and Symbols: EPHB2; DRT; EPH receptor B2; Cek5; Qek5; Sek3; ETECK; Prkm5; EPHT3; ERK; Hek5; MGC87492; Tyro5; developmentally -regulated eph-related tyrosine kinase; elk-related tyrosine kinase; eph tyrosine kinase 3; ephrin receptor EphB2; Accession Number (s): NP_004433.2; NP_059145.2; Human Gene ID(s): 2048; Non-Human Gene-ID(s): 13844 (mouse)
Immunogen	QKDRNHRPKFGQ, is from internal region This antibody is expected to recognise both reported isoforms (NP_059145.2 and NP_004433.2).
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 4000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Lung and Placenta lysates (calculated MW of 110kDa according to NP_059145.2 and NP_004433.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Litter
IHC	
Reference	Reference(s): Cramer KS, Cerretti DP, Siddiqui SA. EphB2 regulates axonal growth at the midline in the developing auditory brainstem. Dev Biol. 2006 Apr 13; [Epub ahead of print] .PMID: 16626680 ->

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**