

Goat anti-EFNB2 Antibody

Item Number	dAP-2181
Target Molecule	Principle Name: EFNB2; Official Symbol: EFNB2; All Names and Symbols: EFNB2; ephrin-B2; EPLG5; HTKL; Htk-L; LERK5; MGC126226; MGC126227; MGC126228; HTK ligand; eph-related receptor tyrosine kinase ligand 5; ephrin B2; ligand of eph-related kinase 5; Accession Number (s): NP_004084.1; Human Gene ID(s): 1948; Non-Human GenID(s): 13642 (mouse) 306636 (rat)
Immunogen	CPKVDSKTVGQYE, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 16000.
Western Blot	Western Blot: Approx 35kDa band observed in Human, Mouse and Rat Lung lysates (calculated MW of 36.9kDa according to NP_004084.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Nakada M, Anderson EM, Demuth T, Nakada S, Reavie LB, Drake KL, Hoelzinger DB, Berens ME, The phosphorylation of ephrin-B2 ligand promotes glioma cell migration and invasion. International journal of cancer. Journal international du cancer 2010 Mar 126 (5): 1155-65.. PMID: 19728339->

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 end users! This product is sold for **Research Use Only**