

Goat anti-EFNA1 Antibody

Item Number	dAP-2278
Target Molecule	Principle Name: EFNA1; Official Symbol: EFNA1; All Names and Symbols: EFNA1; ephrin-A1; B61; ECKLG; EFL1; EPLG1; LERK1; TNFAIP4; eph-related receptor tyrosine kinase ligand 1; ephrin A1; immediate early response protein B61; ligand of eph-related kinase 1; tumor necrosis factor, alpha-induced protein 4; Accession Number (s): NP_004419.2; Human Gene ID(s): 1942; Non-Human GenelD(s): 13636 (mouse) 94268 (rat)
Immunogen	KVTVSGKITHSP, is from internal region This antibody is expected to recognize isoform a (NP_004419.2) only.
Applications	Pep ELISA, WB Species Tested: 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 26kDa band observed in Mouse Thymus and Rat Lung lysates (calculated MW of 23.8kDa according to Mouse NP_034237.3 and Rat NP_446051.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Zhang W, Zeng X, Briggs KJ, Beaty R, Simons B, Chiu Yen RW, Tyler MA, Tsai HC, Ye Y, Gesell GS, Herman JG, Baylin SB, Watkins DN, A potential tumor suppressor role for Hic1 in breast cancer through transcriptional repression of ephrin-A1. <i>Oncogene</i> 2010 Apr 29 (17): 2467-76.. PMID: 20154726

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**