

Goat anti-Endophilin-A2 Antibody

Item Number	dAP-2337
Target Molecule	Principle Name: Endophilin-A2; Official Symbol: SH3GL1; All Names and Symbols: SH3GL1; SH3-domain GRB2-like 1; CNSA1; EEN; MGC111371; SH3D2B; SH3P8; EEN fusion partner of MLL; SH3 domain GRB2-like 1; SH3 domain protein 2B; SH3 domain-containing GRB2-like protein 1; SH3-containing Grb-2-like 1 protein; SH3-containing protein EEN; end; Accession Number (s): NP_003016.1; Human Gene ID(s): 6455; Non-Human GeneID(s):
Immunogen	EPFDLGEPEQSN, 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 48kDa band observed in lysates of cell line K562 (calculated MW of 41.5kDa according to NP_003016.1. The observed molecular weight corresponds to earlier findings in literature with different antibodies (So et al, Proc Natl Acad Sci
IHC	
Reference	Reference(s): Lua BL, Low BC, Activation of EGF receptor endocytosis and ERK1/2 signaling by BPGAP1 requires direct interaction with EEN/endophilin II and a functional RhoGAP domain. Journal of cell science 2005 Jun 118 (Pt 12): 2707-21..PMID: 15944398->

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**