

Goat anti-Endophilin-A1 / SH3GL2 Antibody

Item Number	dAP-2697
Target Molecule	Principle Name: Endophilin-A1 / SH3GL2; Official Symbol: SH3GL2; All Names and Symbols: SH3GL2; SH3-domain GRB2-like 2; CNSA2; EEN-B1; FLJ20276; FLJ25015; SH3D2A; SH3P4; Endophilin A1 BAR domain; OTTHUMP00000021084; SH3 domain protein 2A; SH3 domain-containing GRB2-like protein 2; bA335L15.1 (SH3-domain GRB2-like 2); endophilin-1; endophilin; Accession Number (s): NP_003017.1; Human Gene ID(s): 6456; Non-Human GeneID(s):
Immunogen	SLEFPTGDSTQPN, is from internal region
Applications	Pep ELISA, WB, IHC 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 64000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 40.0kDa according to NP_003017.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows staining of cytoplasm in some but not all neuronal cells. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Shang C, Guo Y, Fu S, Fu W, Sun K. SH3GL2 gene participates in MEK-ERK signal pathway partly by regulating EGFR in the laryngeal carcinoma cell line Hep2. Med Sci Monit. 2010 Jun;16(6):BR168-73..PMID: 20512084->

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**