

Goat anti-ELMO3 Antibody

Item Number	dAP-0070
Target Molecule	Principle Name: ELMO3; Official Symbol: ELMO3; All Names and Symbols: ELMO3; engulfment and cell motility 3 (ced-12 homolog, <i>C. elegans</i>); CED12; FLJ13824; ced-12 homolog 3; engulfment and cell motility 3; CED-12; ELMO-3; Accession Number (s): NP_078988.2; Human Gene ID(s): 79767; Non-Human Gene-ID(s):
Immunogen	TNFNFCYDCSIAEP, is from C Terminus
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 16000.
Western Blot	Western Blot: Approx 75kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 70.0kDa according to NP_078988.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows vesiculate staining in the cytoplasm of secretory cells. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Gumienny TL, Brugnera E, Tosello-Trampont AC, Kinchen JM, Haney LB, Nishiwaki K, Walk SF, Nemergut ME, Macara IG, Francis R, Schedl T, Qin Y, Van Aelst L, Hengartner MO, Ravichandran KS. CED-12/ELMO, a novel member of the CrkII/Dock180/Rac pathway, is required for phagocytosis and cell

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**