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Goat anti-ELMO1 Antibody

Item Number	dAP-0058
Target Molecule	Principle Name: ELMO1; Official Symbol: ELMO1; All Names and Symbols: ELMO1; engulfment and cell motility 1 (ced-12 homolog, C. elegans); CED12; KIAA0281; ced-12 homolog 1; engulfment and cell motility 1; CED-12; ELMO-1; MGC126406; OTTHUMP00000207056; OTTHUMP00000207060; Accession Number (s): NP_055615.8; NP_569709.1; NP_001034548.1; Human Gene ID(s): 9844; Non-Human GeneID(s): 140580 (mouse)
Immunogen	PKEPSNYDFVYDCN, is from C Terminus This antibody is expected to recognise both human isoforms of this protein. NP_569709.1 and NP_001034548.1 represent the same isoform.
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; Reconsititute 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 128000.
Western Blot	Western Blot: Approx 83kDa band observed in Human Brain (Frontal Cortex) lysates, in Mouse and Rat Brain lysates and in lysates of cell line Jurkat (calculated MW of 83.8kDa according to NP_055615.8). Recommended concentration: 0.1-0.3μg/ml. Primary inc
IHC	
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 ender users! This product is sold for Research Use Only