

## Goat anti-ELMO2 Antibody

<b>Item Number</b>	dAP-0057
<b>Target Molecule</b>	Principle Name: ELMO2; Official Symbol: ELMO2; All Names and Symbols: ELMO2; engulfment and cell motility 2 (ced-12 homolog, <i>C. elegans</i> ); CED12; FLJ11656; KIAA1834; ced-12 homolog 2; PH domain protein CED12A; engulfment and cell motility 2; engulfment and cell motility 2; RP11-394O2.2; CED-12; ELMO-2; Accession Number (s): NP_877496.1; NP_573403.1; Human Gene ID(s): 63916; Non-Human GenelD(s): 140579 (mouse)
<b>Immunogen</b>	PKEPSSYDFVYHYG, is from C Terminus NP_877496.1 and NP_573403.1 are variants that encode the same protein.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 80kDa band seen in Human Brain lysate. Recommended for use at 1-3µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Prostate shows pixulated staining in the cytoplasm of stroma cells. Recommended concentration: 3-6µg/ml.
<b>Reference</b>	Reference(s): Gumienny TL, Brugnara 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**