

## Goat anti-CENTG1 / PIKE Antibody

<b>Item Number</b>	dAP-1804
<b>Target Molecule</b>	Principle Name: CENTG1 / PIKE; Official Symbol: AGAP2; All Names and Symbols: CENTG1; centaurin, gamma 1; AGAP2; FLJ16430; GGAP2; KIAA0167; PIKE; Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 2; GTP-binding and GTPase activating protein 2; centaurin gamma1; phosphoinositide 3-kinase enhancer; Accession Number (s): NP_055585.1; Human Gene ID(s): 116986; Non-Human GeneID(s):
<b>Immunogen</b>	QASLDSIREAVINSQ, is from internal region This antibody is expected to recognize isoform PIKE-S (NP_055585.1).
<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 8000.
<b>Western Blot</b>	Western Blot: Approx 100kDa band observed in Human Brain (Amygdala and Cerebral Cortex) lysates (calculated MW of 90.5kDa according to NP_055585.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Thyroid and Kidney. Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Liu Z, Jang SW, Liu X, Cheng D, Peng J, Yepes M, Li XJ, Matthews S, Watts C, Asano M, Hara-Nishimura I, Luo HR, Ye K. Neuroprotective actions of PIKE-L by inhibition of SET proteolytic degradation by asparagine endopeptidase. Mol. Cell 2008 Mar 29 (6): 665-78..PMID: 18374643->

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**