

Goat anti-CENTG2 / AGAP1 Antibody

Item Number	dAP-0240
Target Molecule	Principle Name: CENTG2 / AGAP1; Official Symbol: CENTG2; All Names and Symbols: CENTG2; AGAP1; GGAP1; KIAA1099; centaurin, gamma 2; GTP-binding and GTPase-activating protein 1; Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 1; ArfGAP with GTPase domain, ankyrin repeat and PH domain 1; MGC71657; Accession Number (s): NP_001032208.1; NP_055729.2; Human Gene ID(s): 116987; Non-Human GeneID(s):
Immunogen	NRNNSSGRVPTII, is from C Terminus This antibody is expected to recognise both reported isoforms.
Applications	Pep ELISA Species Tested:
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 4000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in human kidney and brain lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	
Reference	Reference(s): Nie Z, Stanley KT, Stauffer S, Jacques KM, Hirsch DS, Takei J, Randazzo PA. AGAP1, an Endosome-associated, Phosphoinositide-dependent ADP-ribosylation Factor GTPase-activating Protein That Affects Actin Cytoskeleton. J Biol Chem. 2002 Dec 13;277(50):48965-75..PMID: 12388557 ->

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**