

## Goat anti-CENTB1 / ACAP1 Antibody

Item Number	dAP-0443
Target Molecule	Principle Name: CENTB1 / ACAP1; Official Symbol: ACAP1; All Names and Symbols: ACAP1; CENTB1; centaurin, beta 1; KIAA0050; KIAA0050 gene product; Arf GAP with coiled coil, ANK repeat and PH domains 1; ArfGAP with coiled-coil, ankyrin repeat and PH domains 1; centaurin, beta 1; Accession Number (s): NP_055531.1; Human Gene ID(s): 9744; Non-Human GenelD(s): 216859 (mouse)
Immunogen	EKLSRRSHDLHTL, is from C Terminus
Applications	Pep ELISA, WB 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 32000.
Western Blot	Western Blot: Approx 80kDa band observed in Jurkat lysates (calculated MW of 81.5kDa according to NP_055531.1). Recommended for use at 0.3-1µg/ml.
IHC	
Reference	Reference(s): Jackson TR, Brown FD, Nie Z, Miura K, Foroni L, Sun J, Hsu VW, Donaldson JG, Randazzo PA. ACAPs are arf6 GTPase-activating proteins that function in the cell periphery. <i>J Cell Biol.</i> 2000 Oct 30;151(3):627-38.. PMID: 11062263 ->

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**