



Goat anti-CENTB2 / ACAP2 Antibody

Item Number	dAP-0573
Target Molecule	Principle Name: CENTB2 / ACAP2; Official Symbol: ACAP2; All Names and Symbols: ACAP2; CENTB2; centaurin, beta 2; CNT-B2; KIAA0041; centaurin beta2; Arf GAP with coiled coil, ANK repeat and PH domains 2; ArfGAP with coiled-coil, ankyrin repeat and PH domains 2; Accession Number (s): NP_036419.3; Human Gene ID(s): 23527; Non-Human GeneID(s): 78618 (mouse)
Immunogen	EKLNRFQQDSQKF, is from C Terminus
Applications	Pep ELISA, WB, IHC 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; 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 90kDa band observed in Mouse and Rat Lung lysates and in lysates of cell lines MOLT4 and NIH3T3 (calculated MW of 88.1kDa according to Human NP_036419 and 87.2kDa according to Mouse NP_084414.1 and Rat NP_001029178.1). Recommended c
IHC	Immunohistochemistry: In paraffin embedded Human Lung shows strong staining of Type II pneumocytes. Recommended concentration, 5-10µg/ml.
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. J Cell Biol. 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 ender users! This product is sold for **Research Use Only**