

Goat anti-CENTA1 Antibody

Item Number	dAP-0590
Target Molecule	Principle Name: CENTA1; Official Symbol: ADAP1; All Names and Symbols: ADAP1; CENTA1; centaurin, alpha 1; GCS1L; p42IP4; centaurin-alpha; ArfGAP with dual PH domains 1; Accession Number (s): NP_006860.1; Human Gene ID(s): 11033; Non-Human GeneID(s): 231821 (mouse) 171097 (rat)
Immunogen	QEYAVEAHFKHKP, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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 45kDa band observed in Human Brain (Cerebellum), Mouse, Rat and Pig Brain lysates (calculated MW of 43.4kDa according to Human NP_006860.1, Mouse NP_766311.2, Rat NP_598251.1 and Pig NP_999391.1). Recommended concentration: 1-3µg/ml
IHC	
Reference	Reference(s): Venkateswarlu K, Oatey PB, Tavare JM, Jackson TR, Cullen PJ. Identification of centaurin-alpha1 as a potential <i>in vivo</i> phosphatidylinositol 3,4,5-trisphosphate-binding protein that is functionally homologous to the yeast ADP-ribosylation factor (ARF) GTPase-activating protein, Gcs1. <i>Biochem J.</i> 1999

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**