

Goat anti-COG1 Antibody

Item Number	dAP-1647
Target Molecule	Principle Name: COG1; Official Symbol: COG1; All Names and Symbols: COG1; component of oligomeric golgi complex 1; CDG2G; DKFZp762L1710; KIAA1381; LDLB; conserved oligomeric Golgi complex protein 1; low density lipoprotein receptor defect B complementing; Accession Number (s): NP_061184.1; Human Gene ID(s): 9382; Non-Human GenID(s):
Immunogen	KAKSTRNIETKAQ, is from internal region
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 64000.
Western Blot	Western Blot: Approx. 110kDa band observed in Human Brain (Cerebellum, Amygdala) lysates (calculated MW of 109kDa according to NP_061184.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed
IHC	
Reference	Reference(s): Vasile E, Oka T, Ericsson M, Nakamura N, Krieger M. IntraGolgi distribution of the Conserved Oligomeric Golgi (COG) complex. <i>Exp Cell Res.</i> 2006 Oct 1;312(16):3132-41..PMID: 16857184->

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**