



Goat anti-COG8 Antibody

Item Number	dAP-1663
Target Molecule	Principle Name: COG8; Official Symbol: COG8; All Names and Symbols: COG8; component of oligomeric golgi complex 8; DOR1; FLJ22315; conserved oligomeric golgi complex component 8; dependent on RIC1; Accession Number (s): NP_115758.3; Human Gene ID(s): 84342; Non-Human GeneID(s):
Immunogen	KAIQETVEKFEQEE, is from internal region
Applications	Pep ELISA, IHC 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 16000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx. 25kDa and 45kDa in Human Brain (Cerebellum) lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the
IHC	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
Reference	Reference(s): Foulquier F, Ungar D, Reynders E, Zeevaert R, Mills P, Garcia-Silva MT, Briones P, Winchester B, Morelle W, Krieger M, Annaert W, Matthijs G. A new inborn error of glycosylation due to a Cog8 deficiency reveals a critical role for the Cog1-Cog8 interaction in COG complex formation. Hum Mol Genet.

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**