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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08953 - Goat Anti-COG1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: COG1, component of oligomeric golgi complex 1, CDG2G, DKFZp762L1710, KIAA1381, LDLB, conserved oligomeric Golgi complex protein 1, low density lipoprotein receptor defect B complementing

Official Symbol: COG1

Accession Number(s): NP_061184.1

Human GeneID(s): [9382](#)

Immunogen

Peptide with sequence C-KAKSTRNIETKAQ, from the internal region of the protein sequence according to NP_061184.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

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 at 45kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

This antibody has been successfully used in IF in Human:

Dechtawewat T, Paemanee A, Roytrakul S, Songprakhon P, Limjindaporn T, Yenchitsomanus PT, Saitornuang S, Puttikhunt C, Kasinrerak W, Malasit P, Noisakran S.

Mass spectrometric analysis of host cell proteins interacting with dengue virus nonstructural protein 1 in dengue virus-infected HepG2 cells.

Biochim Biophys Acta. 2016 Sep;1864(9):1270-80.

PMID: 27108190

EB08953 (0.1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.