

Datasheet for ABIN308444
anti-COG1 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	COG1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This COG1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	COG1
Immunogen:	Peptide with sequence C-KAKSTRNIETKAQ, from the internal region of the protein sequence according to NP_061184.1.
Sequence:	KAKSTRNIET KAQ
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

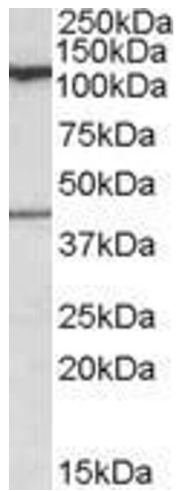
Target:	COG1
Alternative Name:	COG1 (COG1 Products)
Background:	COG1, component of oligomeric golgi complex 1, CDG2G, DKFZp762L1710, KIAA1381, LDLB, conserved oligomeric Golgi complex protein 1, low density lipoprotein receptor defect B complementing
Gene ID:	9382
NCBI Accession:	NP_061184

Application Details

Application Notes:	Western Blot: Approx. 110 kDa band observed in Human Brain (Cerebellum, Amygdala) lysates (calculated MW of 109 kDa according to NP_061184.1). Recommended concentration: 0.1-0.3 µg/mL. An additional band of unknown identity was also consistently observed a Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	Immunofluorescence: This antibody has been successfully used in IF on Human: Dechtawewat T et al. (2016) PMID: 27108190.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN308444 (0.1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.