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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
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COG2 Antibody - N-terminal region : HRP (ARP54815_P050-HRP)

Data Sheet

Product Number	ARP54815_P050-HRP
Product Page	www.avivasysbio.com/cog2-antibody-n-terminal-region-hrp-arp54815-p050-hrp.html
Name	COG2 Antibody - N-terminal region : HRP (ARP54815_P050-HRP)
Protein Size (# AA)	738 amino acids
Molecular Weight	83kDa
Subunit	2
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	22796
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Component of oligomeric golgi complex 2
Alias Symbols	LDLC, CDG2Q
Peptide Sequence	Synthetic peptide located within the following region: KRVQLEELRDDLELYYKLLKTAMVELINKDYADFVNLSTNLVGMDKALNQ
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mm phosphate, 150 mM NaCl, pH 7.6.
Reference	Sohda,M., (2007) Traffic 8 (3), 270-284
Description of Target	Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for intracellular transport and glycoprotein modification. Several complexes have been identified, including the Golgi transport complex (GTC), the LDLC complex, which is involved in glycosylation reactions, and the SEC34 complex, which is involved in vesicular transport. These 3 complexes are identical and have been termed the conserved oligomeric Golgi (COG) complex, which includes COG2. Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for intracellular transport and glycoprotein modification. Several complexes have been identified, including the Golgi transport complex (GTC), the LDLC complex, which is involved in glycosylation reactions, and the SEC34 complex, which is involved in vesicular transport. These 3 complexes are identical and have been termed the conserved oligomeric Golgi (COG) complex, which includes COG2 (Ungar et al., 2002 [PubMed 11980916]).[supplied by OMIM].
Protein Interactions	MTUS2; UBC; COG7; COG8; COG3; COG6; COG5; COG1; COG4;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-COG2 (ARP54815_P050-HRP) antibody
Blocking Peptide	For anti-COG2 (ARP54815_P050-HRP) antibody is Catalog # AAP54815 (Previous Catalog # AAPP31619)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human COG2
Uniprot ID	Q14746
Protein Name	Conserved oligomeric Golgi complex subunit 2
Sample Type Confirmation	COG2 is supported by BioGPS gene expression data to be expressed in HepG2
Protein Accession #	NP_031383
Purification	Affinity Purified
Nucleotide Accession #	NM_007357
Gene Symbol	COG2

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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