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Lieferung & Zahlungsart

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Zuschläge

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COG4 Antibody - middle region : FITC (ARP55242_P050-FITC)

Data Sheet

Product Number	ARP55242_P050-FITC
Product Page	www.avivasysbio.com/cog4-antibody-middle-region-fitc-arp55242-p050-fitc.html
Name	COG4 Antibody - middle region : FITC (ARP55242_P050-FITC)
Protein Size (# AA)	789 amino acids
Molecular Weight	89kDa
Subunit	4
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	25839
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Component of oligomeric golgi complex 4
Alias Symbols	COD1, CDG2J, SWILS
Peptide Sequence	Synthetic peptide located within the following region: LFSQGIGGEQAQAKFDSCLSDLAAVSNKFRDLLQEGLTELNSTAIKPQVQ
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Suzuki,Y., (2004) Genome Res. 14 (9), 1711-1718
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 COG4.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 COG4 (Ungar et al., 2002 [PubMed 11980916]).[supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-265 AK096557.1 1-265 266-555 BP282697.1 230-519 556-1072 AU125729.1 34-550 1073-2838 AL050101.1 375-2140
Protein Interactions	UBC; EGFR; COG6; VCP; COG7; COG8; COG3; COG5; COG1; RPS20; CUL4B; SEPT2; APC; COG2;
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-COG4 (ARP55242_P050-FITC) antibody
Blocking Peptide	For anti-COG4 (ARP55242_P050-FITC) antibody is Catalog # AAP55242 (Previous Catalog # AAPP33069)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human COG4
Uniprot ID	Q9H9E3
Protein Name	Conserved oligomeric Golgi complex subunit 4
Sample Type Confirmation	COG4 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_056201
Purification	Affinity Purified
Nucleotide Accession #	NM_015386

Gene Symbol	COG4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
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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