

Rabbit anti-Human COG5 Polyclonal Antibody | anti-COG5 antibody

COG5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200100	Rabbit	Human	Western Blot

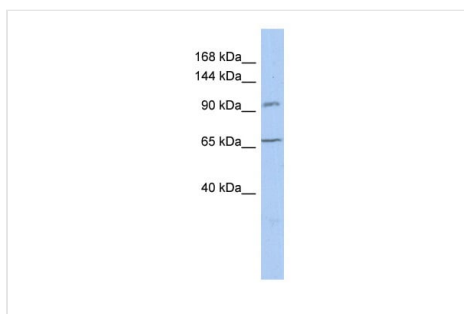
PRODUCT SYNONYMS

COG5; Polyclonal Antibody; COG5 antibody - N-terminal region; anti-COG5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MG WVGGRRRDSA SPPGRSRSA DDINPAPANM EGGGGSVAVA GLGARGSG
Sequence Length	860
Applicable Applications for anti-COG5 antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human COG5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

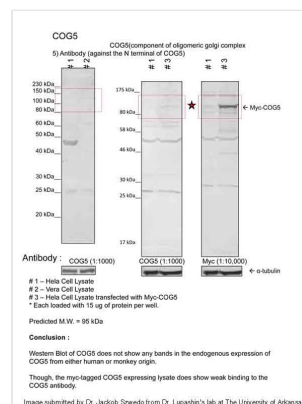
IMAGES



WB (Western Blot)

WB Suggested Anti-COG5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: THP-1 cell lysate



WB (Western Blot)

Sample Type: Human, Mouse

Sample Type: 1. Human Cervical Cancer Cell Lysate (15ug) 2. Monkey Fibroblast Cell Lysate (15ug) 3. Human Cervical Cancer Cell transfected with Myc-COG4 (15ug) Primary Dilution: 1:1000 Secondary Antibody: goat anti-Rabbit Secondary Dilution: 1:40,000 Image Submitted by: Dr. Jakob Szwed, Dr. Lupashin's Lab University of Arkansas for Medical Sciences See Customer Feedback tab for detailed information.

ADDITIONAL INFORMATION

Related Product Information for anti-COG5 antibody	This is a rabbit polyclonal antibody against COG5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: COG5 is required for normal Golgi function.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 COG5 (Ungar et al., 2002 [PubMed 11980916]).[supplied by OMIM].
Product Categories/Family for anti-COG5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	240849531
NCBI GeneID	10466
NCBI Accession #	NP_006339
NCBI GenBank Nucleotide #	NM_006348
UniProt Accession #	Q9UP83
Molecular Weight	95kDa
NCBI Official Full Name	conserved oligomeric Golgi complex subunit 5 isoform 1
NCBI Official Synonym Full Names	component of oligomeric golgi complex 5
NCBI Official Symbol	COG5
NCBI Official Synonym Symbols	CDG2I; GTC90; GOLTC1
NCBI Protein Information	conserved oligomeric Golgi complex subunit 5
UniProt Protein Name	Conserved oligomeric Golgi complex subunit 5
UniProt Gene Name	COG5
UniProt Synonym Gene Names	GOLTC1; GTC90; COG complex subunit 5; GTC-90
UniProt Entry Name	COG5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.