

Rabbit COG2 Polyclonal Antibody | anti-COG2 antibody

COG2 Polyclonal Antibody

CATALOG # AAA280062	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

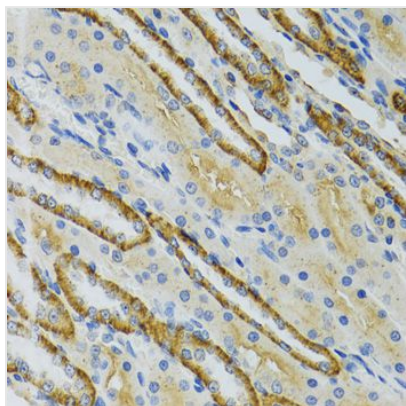
PRODUCT SYNONYMS

COG2; Polyclonal Antibody; COG2 Polyclonal Antibody; LDLC; anti-COG2 antibody

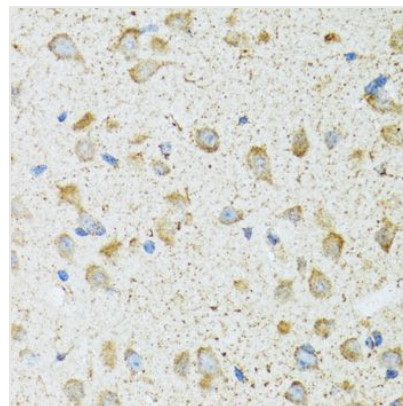
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	738
Applicable Applications for anti-COG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human COG2
Calculated Molecular Weight	83kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

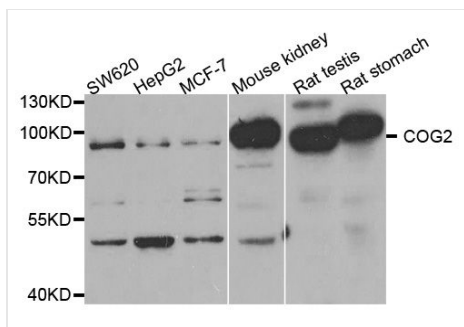
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using COG2 antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using COG2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using COG2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-COG2 antibody	This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi complex. The encoded protein specifically interacts with the USO1 vesicle docking protein and may be necessary for normal Golgi ribbon formation and trafficking of Golgi enzymes. Mutations of this gene are associated with abnormal glycosylation within the Golgi apparatus. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-COG2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	2498512
NCBI GeneID	22796
UniProt Accession #	Q14746; Q86U99
Molecular Weight	738
NCBI Official Full Name	Conserved oligomeric Golgi complex subunit 2
NCBI Official Synonym Full Names	component of oligomeric golgi complex 2
NCBI Official Symbol	COG2
NCBI Official Synonym Symbols	LDLC
NCBI Protein Information	conserved oligomeric Golgi complex subunit 2; COG complex subunit 2; conserved oligomeric Golgi complex protein 2; brefeldin A-sensitive, peripheral Golgi protein; low density lipoprotein receptor defect C complementing; low density lipoprotein receptor defect C-complementing protein
UniProt Protein Name	Conserved oligomeric Golgi complex subunit 2
UniProt Gene Name	COG2
UniProt Synonym Gene Names	LDLC; COG complex subunit 2
UniProt Entry Name	COG2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cog2-antibody-immunohistochemistry-western-blot-elisa/280062>