

Rabbit COPG2 Polyclonal Antibody | anti-COPG2 antibody

COPG2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328816	Rabbit	Human, MousePredicted: Zebrafish, Chicken	Western Blot

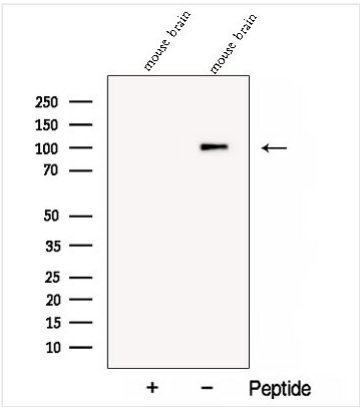
PRODUCT SYNONYMS

COPG2; Polyclonal Antibody; COPG2 Antibody; 2 COP; Coat protein nonclathrin gamma 2 cop; Coatomer protein complex subunit gamma 2; Coatomer subunit gamma 2; Coatomer subunit gamma-2; COPG 2; Copg2; COPG2_HUMAN; DKFZp761N09121; FLJ11781; Gamma 2 coat protein; Gamma 2 COP; Gamma-2-coat protein; Gamma-2-COP; anti-COPG2 antibody

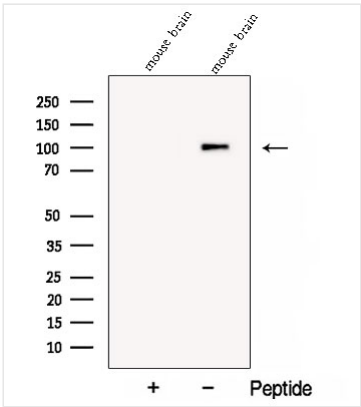
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Zebrafish, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	COPG2 Antibody detects endogenous levels of COPG2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	871
Applicable Applications for anti-COPG2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human COPG2.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Golgi Apparatus; Cytosol
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Mouse brain tissue, using COPG2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Mouse spleen, using COPG2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-COPG2 antibody	Description: The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network. Coatomer complex is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. In mammals, the coatomer can only be recruited by membranes associated to ADP-ribosylation factors (ARFs), which are small GTP-binding proteins; the complex also influences the Golgi structural integrity, as well as the processing, activity, and endocytic recycling of LDL receptors (By similarity). Subunit Structure: Oligomeric complex. Binds to CDC42. Interacts with JAGN1. Similarity: Belongs to the COPG family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13124090
NCBI GeneID	26958
UniProt Accession #	Q9UBF2
Molecular Weight	Observed: 98 kDa Predicted: 98 kDa
NCBI Official Full Name	Coatomer subunit gamma-2
NCBI Official Synonym Full Names	coatomer protein complex subunit gamma 2
NCBI Official Symbol	COPG2
NCBI Official Synonym Symbols	2-COP; gamma-2-COP
NCBI Protein Information	coatomer subunit gamma-2
UniProt Protein Name	Coatomer subunit gamma-2
UniProt Gene Name	COPG2
UniProt Synonym Gene Names	Gamma-2-COP
UniProt Entry Name	COPG2_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.

