

Rabbit anti-Human, mouse COPB2 Polyclonal Antibody | anti-COPB2 antibody

COPB2 Antibody (C-term)

CATALOG # AAA289246	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

COPB2; Polyclonal Antibody; COPB2 Antibody (C-term); Coatomer subunit beta'; Beta'-coat protein; Beta'-COP; p102; anti-COPB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COPB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 814-843 amino acids from the C-terminal region of human COPB2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	814-843
Sequence Length	906
Applicable Applications for anti-COPB2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

COPB2 Antibody (C-term) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the COPB2 antibody detected the COPB2 protein (arrow).



WB (Western Blot)

COPB2 Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the COPB2 antibody detected the COPB2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-COPB2 antibody	The Golgi coatomer complex (see MIM 601924) constitutes the coat of nonclathrin-coated vesicles and is essential for Golgi budding and vesicular trafficking. It consists of 7 protein subunits, including COPB2.
Product Categories/Family for anti-COPB2 antibody	Signal Transduction
References	Kim, E., et al. Biochem. Biophys. Res. Commun. 395(2):244-250(2010) Guo, Y., et al. Mol. Biol. Cell 19(7):2830-2843(2008) Rikova, K., et al. Cell 131(6):1190-1203(2007) Tu, L.C., et al. Mol. Cell Proteomics 6(4):575-588(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758032
NCBI GeneID	9276
NCBI Accession #	NP_004757.1
NCBI GenBank Nucleotide #	NM_004766.2
UniProt Accession #	P35606; B4DZI8
Molecular Weight	102487
NCBI Official Full Name	coatomer subunit beta'
NCBI Official Synonym Full Names	coatomer protein complex, subunit beta 2 (beta prime)
NCBI Official Symbol	COPB2
NCBI Official Synonym Symbols	beta'-COP
NCBI Protein Information	coatomer subunit beta'
UniProt Protein Name	Coatomer subunit beta'
UniProt Gene Name	COPB2
UniProt Synonym Gene Names	Beta'-COP
UniProt Entry Name	COPB2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/copb2-antibody-western-blot-elisa/289246>