

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

COPB2 Antibody

CATALOG # AAA231566	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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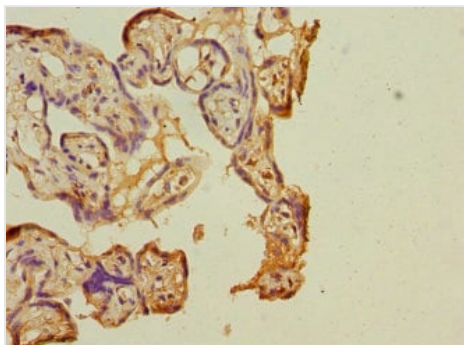
PRODUCT SYNONYMS

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

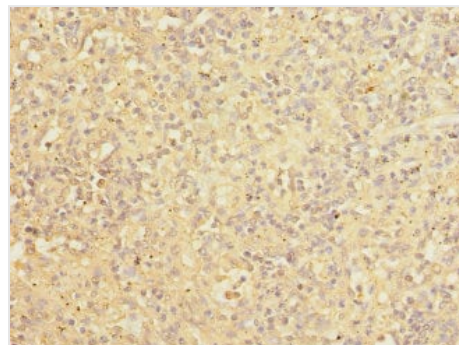
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	906
Applicable Applications for anti-COPB2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Coatomer subunit beta' protein (C-250AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13332 / sc-23167
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

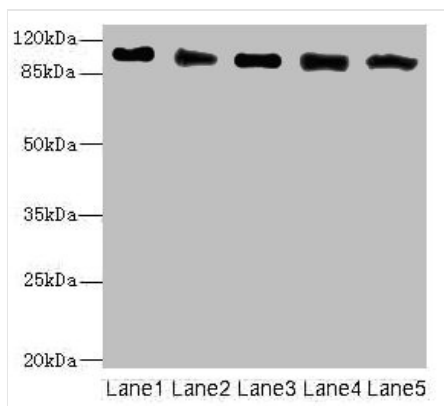
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231566 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human spleen tissue using AAA231566 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: COPB2 antibody at 2.51ug/mL
Lane 1: Human placenta tissue
Lane 2: MCF7 whole cell lysate
Lane 3: Hela whole cell lysate
Lane 4: HepG-2 whole cell lysate
Lane 5: Jurkat whole cell lysate
SecondaryGoat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 103,100 kDa
Observed band size: 102 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-COPB2 antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758032
NCBI GeneID	9276
NCBI Accession #	NP_004757.1
NCBI GenBank Nucleotide #	NM_004766.2
UniProt Accession #	P35606; B4DZ18
Molecular Weight	99,046 Da
NCBI Official Full Name	coatomer subunit beta'
NCBI Official Synonym Full Names	coatomer protein complex subunit beta 2
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.