

Rabbit anti-Human, Mouse COPB1 Polyclonal Antibody | anti-COPB1 antibody

Rabbit anti-COPB1 Antibody, Affinity Purified

CATALOG # AAA212887	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

PRODUCT SYNONYMS

COPB1; Polyclonal Antibody; Rabbit anti-COPB1 Antibody; Affinity Purified; coatomer subunit beta; COPB; beta-cop; Beta-coat protein; beta coat protein; Coatomer subunit beta; coatomer protein complex subunit beta 1; anti-COPB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-COPB1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Pig, Orangutan
Immunogen	Between 903 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse COPB1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-COPB1 antibody AAA212887 (lot AAA212887-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human COPB1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-COPB1 antibody AAA212887 (lot AAA212887-1) used for IP at 6 ug per reaction. COPB1 was also immunoprecipitated by rabbit anti-COPB1 antibody For blotting immunoprecipitated COPB1, AAA212887 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-COPB1 antibody

COPB1 is a protein subunit of the coatomer complex associated with non-clathrin coated vesicles. The coatomer complex, also known as the coat protein complex 1, forms in the cytoplasm and is recruited to the Golgi by activated guanosine triphosphatases. Once at the Golgi membrane, the coatomer complex may assist in the movement of protein and lipid components back to the endoplasmic reticulum [taken from NCBI Entrez Gene (Gene ID: 1315)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316630
NCBI GeneID	1315
NCBI Accession #	NP_001137533.1
NCBI GenBank Nucleotide #	NM_001144061.1
UniProt Accession #	P53618; Q6GTT7; Q9NTK2; Q9UNW7; D3DQX0
Molecular Weight	107,142 Da
NCBI Official Full Name	coatomer subunit beta
NCBI Official Synonym Full Names	coatomer protein complex, subunit beta 1
NCBI Official Symbol	COPB1
NCBI Official Synonym Symbols	COPB
NCBI Protein Information	coatomer subunit beta
UniProt Protein Name	Coatomer subunit beta
UniProt Gene Name	COPB1
UniProt Synonym Gene Names	COPB; Beta-COP
UniProt Entry Name	COPB_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/copb1-antibody-immunoprecipitation-western-blot-elisa/212887>