

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

Rabbit anti-COPB2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212742	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

COPB2; Polyclonal Antibody; Rabbit anti-COPB2 Antibody; Affinity Purified; p102; beta'-COP; betaprime-COP; coatomer binding complex; beta prime subunit; coatomer protein complex subunit beta prime; coatomer protein complex; subunit beta 2 (beta prime); coatomer subunit beta'; MCPH19; beta'-coat protein; Coatomer subunit beta'; coatomer protein complex subunit beta 2; anti-COPB2 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-COPB2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan
Immunogen	Between 800 and 850
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 COPB2 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-COPB2 antibody AAA212742 (lot AAA212742-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human COPB2 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-COPB2 antibody AAA212742 (lot AAA212742-1) used for IP at 6 ug per reaction. COPB2 was also immunoprecipitated by rabbit anti-COPB2 antibody For blotting immunoprecipitated COPB2, AAA212742 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

**IHC (Immunohistochemistry)**

Detection of human COPB2 by immunohistochemistry. Samples: FFPE serial sections of human prostate carcinoma. Antibody: Affinity purified rabbit anti-COPB2 (Cat. No. AAA212742 Lot1, left image and Cat. No. Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

**IHC (Immunohistochemistry)**

Detection of mouse COPB2 by immunohistochemistry. Samples: FFPE serial sections of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-COPB2 (Cat. No. AAA212742 Lot1, left image and Cat. No. Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-COPB2 antibody	In eukaryotic cells, protein transport between the endoplasmic reticulum and Golgi compartments is mediated in part by non-clathrin-coated vesicular coat proteins (COPs). Seven coat proteins have been identified, and they represent subunits of a complex known as coatomer. The subunits are designated alpha-COP, beta-COP, beta-prime-COP, gamma-COP, delta-COP, epsilon-COP, and zeta-COP [taken from NCBI Entrez Gene (Gene ID: 9276)].
Product Categories/Family for anti-COPB2 antibody	Primary Antibodies

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	Predicted MW: 105.919kDa
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	MCPH19; beta'-COP
NCBI Protein Information	coatomer subunit beta'
UniProt Protein Name	Coatomer subunit beta'
UniProt Gene Name	COPB2
UniProt Synonym Gene Names	Beta'-COP

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-immunohistochemistry-immunoprecipitation-western-blot-elisa/212742>