

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

[KD Validated] COPB2 Rabbit PolymAb

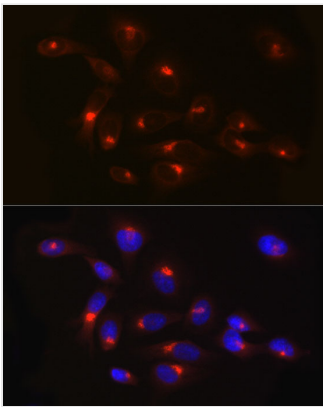
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282981	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

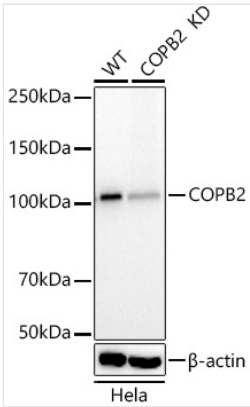
COPB2; Monoclonal Antibody; [KD Validated] COPB2 Rabbit PolymAb; OPDD; MCPH19; beta'-COP; anti-COPB2 antibody

PRODUCT SPECIFICATIONS

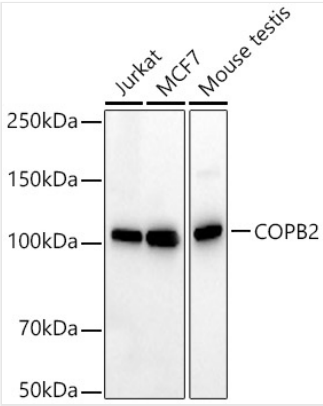
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	AYQLAVEAES EQKWKQLAEL AISKQFGLA QECLHHAQDY GGLLLLATAS GNANMVNKLA EGAERDGKNN VAFMSYFLQG KVDACLELLI RTGRLPEAAF LARTYLP SQV SRVVKLWREN LSKVNQKAAE SLADPTEYEN LFPGLKEAFV VEEWVKETHA DLWPAKQYPL VTPNEERNVM EEGKDFQPSR STAQQELDGK PASPTPVIVA SHTANKEEKS LLELEVLDN LELEDIDTTD INLDEDILDD
Applicable Applications for anti-COPB2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 657-906 of human COPB2. (NP_004757.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using [KD Validated] COPB2 Rabbit PolymAb® (AAA282981) at dilution of 1:500 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of lysates from wild type(WT) and COPB2 knockdown (KD) HeLa cells, using [KD Validated] COPB2 Rabbit PolymAb® (AAA282981) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)
Western blot analysis of various lysates, using [KD Validated] COPB2 Rabbit PolymAb® (AAA282981) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

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 ; 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 ; B4DZ18
Molecular Weight	Calculated MW: 102kDa Observed MW: 102kDa

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/monoclonal/copb2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282981>