

Anti-COPB1 antibody (460-740) (STJ112510)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

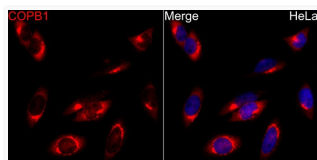
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 107kDa Observed Mw: 107kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

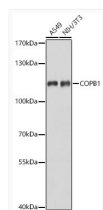
Gene ID	1315
Gene Symbol	COPB1
UniProt ID	COPB_HUMAN
Immunogen Region	460-740
Immunogen Sequence	WILGEYCSKEDIQSVMTET RRLSLGEIPIVESEIKKEAGE LKPEEEITVGPVQKLVTMG TYATQSALSSSRPTKKEEDR PPLRGFLLDGDFVVAASLAT TLTKIALRYVALVQEKKKQN SFVAEAMLLMATILHLGKSS LPKKPITDDDDVDRISLCLKV LSECSPLMNDIFNKECRQSL SHMLSAKLEEEKLSQKKESE KRNVTVQPDDPISFMTAK NEMNCKEDQFQLSLLAAMG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 460-740 of human COPB1 (NP_057535.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of HeLa cells using COPB1 Rabbit polyclonal antibody (STJ112510) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using COPB1 Rabbit polyclonal antibody (STJ112510) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.