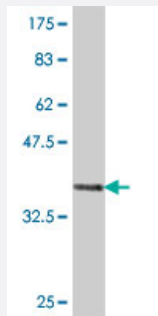# COPA polyclonal antibody (A01)

Catalog #   H00001314-A01   Size   50 uL

Applications

Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant COPA.
Immunogen	COPA (NP_004362, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Sequence	TKFETKSARVKGLSFHPKRPWILTSLHNGVIQLWDYRMCTLIDKFDEHDGPVRGIDFHKQQPLFVS GGDDYKIKVWNYKLRRCLFTLLGHLDYIRTTF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — COPA

Entrez GeneID	1314
GeneBank Accession#	NM_004371
Protein Accession#	NP_004362
Gene Name	COPA
Gene Alias	FLJ26320, HEP-COP
Gene Description	coatomer protein complex, subunit alpha
Omim ID	601924
Gene Ontology	Hyperlink
Gene Summary	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. The alpha-COP, encoded by COPA, shares high sequence similarity with RET1P, the alpha subunit of the coatomer complex in yeast. Also, the N-terminal 25 amino acids of alpha-COP encode the bioactive peptide, xenin, which stimulates exocrine pancreatic secretion and may act as a gastrointestinal hormone. Alternative splicing results in multiple splice forms encoding distinct isoforms. [provided by RefSeq
Other Designations	OTTHUMP00000031846|OTTHUMP00000031847|alpha coat protein|xenin

Pathway

- Neuroactive ligand-receptor interaction