

COPI Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant COPI.****Catalog # AT1590a****Specification**

COPI Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q5EG05
Other Accession	NM_052889
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	22625

COPI Antibody (monoclonal) (M01) - Additional Information**Gene ID** 114769**Other Names**

Caspase recruitment domain-containing protein 16, Caspase recruitment domain-only protein 1, CARD-only protein 1, Caspase-1 inhibitor COP, Pseudo interleukin-1 beta converting enzyme, Pseudo-ICE, Pseudo-IL1B-converting enzyme, CARD16, COP, COP1

Target/Specificity

COPI (NP_443121, 1 a.a. ~ 97 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

COPI Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

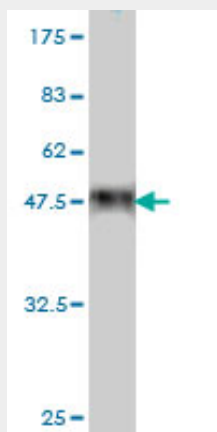
COPI Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

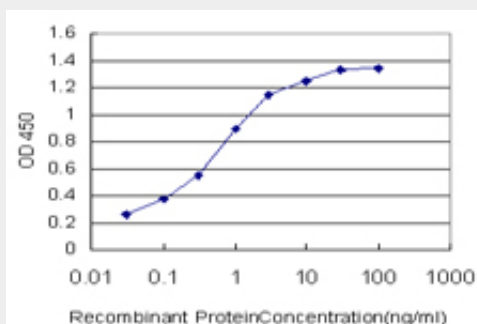
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

COPI Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .



Detection limit for recombinant GST tagged COP1 is approximately 0.03ng/ml as a capture antibody.

COPI Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolidinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Protective role of Cop in Rip2/caspase-1/caspase-4-mediated HeLa cell death. Wang X, et al. Biochim Biophys Acta, 2006 Aug. PMID 16920334. Dysregulation of receptor interacting protein-2 and caspase recruitment domain only protein mediates aberrant caspase-1 activation in Huntington's disease. Wang X, et al. J Neurosci, 2005 Dec 14. PMID 16354923. INCA, a novel human caspase recruitment domain protein that inhibits interleukin-1beta generation. Lamkanfi M, et al. J Biol Chem, 2004 Dec 10. PMID 15383541.