10320 Camino Santa Fe, Suite G
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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

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

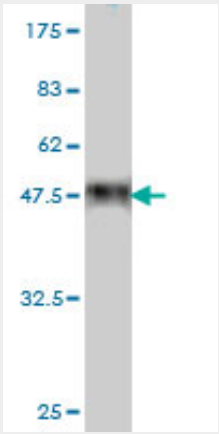
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

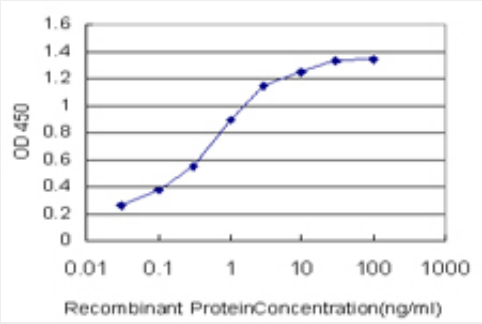
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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 Thiazolinedinedione-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.