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CPNE6 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CPNE6.
Catalog # AT1607a

Specification

CPNE6 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	O95741
Other Accession	BC018046
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG3 Kappa**
Calculated MW	**61991**

CPNE6 Antibody (monoclonal) (M01) - Additional Information

Gene ID 9362

Other Names
Copine-6, Copine VI, Neuronal-copine, N-copine, CPNE6

Target/Specificity
CPNE6 (AAH18046, 1 a.a. ~ 557 a.a) full-length 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
CPNE6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CPNE6 Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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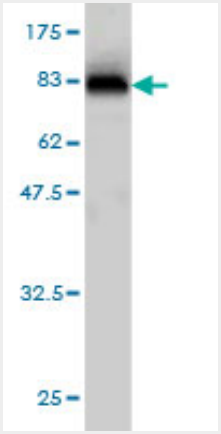
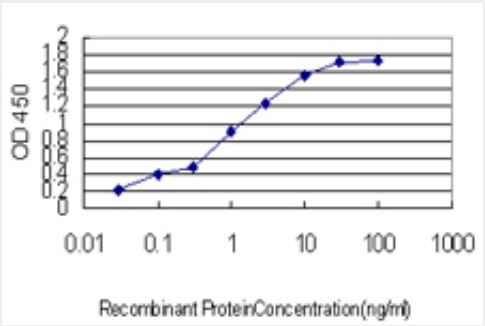
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CPNE6 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (87.01 KDa) .



Detection limit for recombinant GST tagged CPNE6 is approximately 0.03ng/ml as a capture antibody.

CPNE6 Antibody (monoclonal) (M01) - Background

This gene encodes a brain-specific member of the copine family, which is composed of calcium-dependent membrane-binding proteins. The gene product contains two N-terminal C2 domains, and one von Willebrand factor A domain. It may have a role in synaptic plasticity.

CPNE6 Antibody (monoclonal) (M01) - References

A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.Characterization of human copine III as a phosphoprotein with associated kinase activity. Caudell EG, et al. Biochemistry, 2000 Oct 24. PMID 11041869.