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GPS1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GPS1.
Catalog # AT2252a

Specification

GPS1 Antibody (monoclonal) (M01) - Product Information

Application	**E**
Primary Accession	Q13098
Other Accession	BC000155
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b kappa**
Calculated MW	**55537**

GPS1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 2873

Other Names
COP9 signalosome complex subunit 1, SGN1, Signalosome subunit 1, G protein pathway suppressor 1, GPS-1, JAB1-containing signalosome subunit 1, Protein MFH, GPS1, COPS1, CSN1

Target/Specificity
GPS1 (AAH00155, 390 a.a. ~ 491 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

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
GPS1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

GPS1 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

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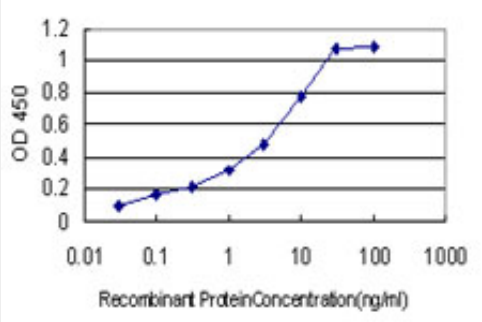
- Flow Cytomety
- Cell Culture

GPS1 Antibody (monoclonal) (M01) - Images



Detection limit for recombinant GST tagged GPS1 is approximately 1ng/ml as a capture antibody.

GPS1 Antibody (monoclonal) (M01) - Background

This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.

GPS1 Antibody (monoclonal) (M01) - References

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.A family of diverse Cul4-Ddb1-interacting proteins includes Cdt2, which is required for S phase destruction of the replication factor Cdt1. Jin J, et al. Mol Cell, 2006 Sep 1. PMID 16949367.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.