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GPS1 Antibody (monoclonal) (M01)

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

Product Information

Application	E
Primary Accession	Q13098
Other Accession	BC000155
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b kappa
Clone Names	1E9
Calculated MW	55537

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

Background

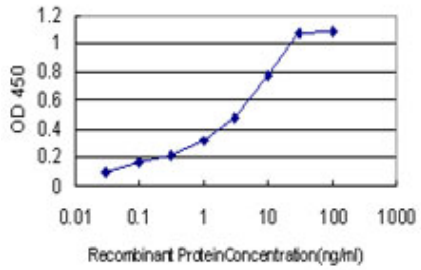
This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding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

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.