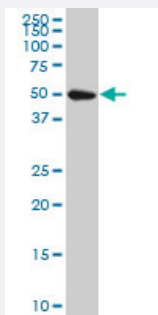


SPG3A monoclonal antibody (M10), clone 1B11

Catalog # H00051062-M10

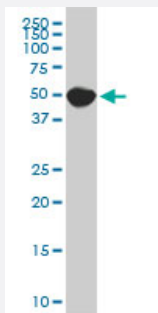
Size 100 ug

Applications



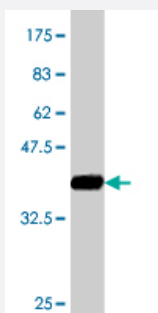
Western Blot (Cell lysate)

SPG3A monoclonal antibody (M10), clone 1B11. Western Blot analysis of SPG3A expression in IMR-32 (Cat # L008V1).



Western Blot (Cell lysate)

SPG3A monoclonal antibody (M10), clone 1B11. Western Blot analysis of SPG3A expression in PC-12 (Cat # L012V1).



Western Blot detection against Immunogen (36.74 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SPG3A.

Immunogen	SPG3A (NP_056999, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAKNRRDRNSWGGFSEKTYEWSSEEEEPVKKAGPVQVLVKDDHSFELDETALNRILLSEAVRD KEVVAVSVAGAFRKGKSFLMDFMLRYMYNQESVDWV
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SPG3A monoclonal antibody (M10), clone 1B11. Western Blot analysis of SPG3A expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

SPG3A monoclonal antibody (M10), clone 1B11. Western Blot analysis of SPG3A expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ATL1

Entrez GeneID [51062](#)

GeneBank Accession#	NM_015915
Protein Accession#	NP_056999
Gene Name	ATL1
Gene Alias	AD-FSP, FSP1, GBP3, SPG3, SPG3A, atlastin1
Gene Description	atlastin GTPase 1
Omim ID	182600 606439
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a GTPase and a Golgi body transmembrane protein. The encoded protein can form a homotetramer and has been shown to interact with spastin and with mitogen-activated protein kinase kinase kinase 4. This protein may be involved in axonal maintenance as evidenced by the fact that defects in this gene are a cause of spastic paraplegia type 3. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	GTP-binding protein 3 atlastin-1 brain-specific GTP-binding protein guanine nucleotide-binding protein 3 guanylate-binding protein 3

Disease

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