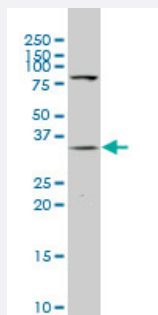


SPG21 polyclonal antibody (A01)

Catalog # H00051324-A01

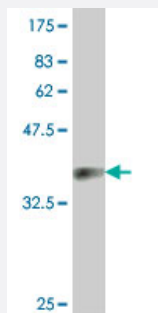
Size 50 uL

Applications



Western Blot (Cell lysate)

SPG21 polyclonal antibody (A01), Lot # 060516JCS1 Western Blot analysis of SPG21 expression in HL-60 (Cat # L014V1).



Western Blot detection against Immunogen (36.67 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SPG21.
Immunogen	SPG21 (NP_057714, 211 a.a. ~ 306 a.a) partial recombinant protein with GST tag.
Sequence	PHKIRDIPVTIMDVFDQSALSTEAKEEMYKLYPNARRAHLKTGGNFPYLCRSAEVNLYVQIHLLQFH GTKYAAIDPSMVSAAEELEVQKGSLSISQE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (82)

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.67 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SPG21 polyclonal antibody (A01), Lot # 060516JCS1 Western Blot analysis of SPG21 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SPG21

Entrez GeneID	51324
GeneBank Accession#	NM_016630
Protein Accession#	NP_057714
Gene Name	SPG21
Gene Alias	ACP33, BM-019, GL010, MASPARDIN, MAST
Gene Description	spastic paraplegia 21 (autosomal recessive, Mast syndrome)
Omim ID	248900 608181
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene was identified by a two-hybrid screen using CD4 as the bait. It binds to the hydrophobic C-terminal amino acids of CD4 which are involved in repression of T cell activation. The interaction with CD4 is mediated by the noncatalytic alpha/beta hydrolase fold domain of this protein. It is thus proposed that this gene product modulates the stimulatory activity of CD4. At least three different transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]
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Other Designationsacid cluster protein 33|spastic paraplegia 21
