

SPG21 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15262

Product Information

Application	WB
Primary Accession	Q9NZD8
Other Accession	NM_016630 , NP_057714
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34960

Additional Information

Gene ID	51324
Alias Symbol	ACP33, BM-019, GL010, MASPARDIN, MAST
Other Names	Maspardin, Acid cluster protein 33, Spastic paraplegia 21 autosomal recessive Mast syndrome protein, Spastic paraplegia 21 protein, SPG21, ACP33
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SPG21 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SPG21 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

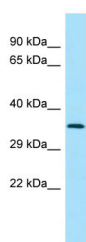
Name	SPG21
Synonyms	ACP33
Function	May play a role as a negative regulatory factor in CD4- dependent T-cell activation.
Cellular Location	Cytoplasm, cytosol. Membrane; Peripheral membrane protein. Endosome membrane; Peripheral membrane protein. Golgi apparatus, trans-Golgi network membrane; Peripheral membrane protein. Note=Partially localized in the cytosol but also accumulated on an intracellular vesicular compartment Colocalizes with CD4 on endosomal/trans-Golgi network

Tissue Location	Expressed in all tissues tested, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas Expressed in J.CaM1.6, HuT 78 and HeLa cell lines (at protein level)
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References

Zeitlmann L.,et al.J. Biol. Chem. 276:9123-9132(2001).
Zhao M.,et al.Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.
Li Y.,et al.Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:671-675(2006).

Images



WB Suggested Anti-SPG21 Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole Cell
SPG21 is supported by BioGPS gene expression data to be expressed in 721_B

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