

SPG21 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15262**Specification**

SPG21 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9NZD8
Other Accession	NM_016630 , NP_057714
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa kDa

SPG21 Antibody - C-terminal region - 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.

SPG21 Antibody - C-terminal region - 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

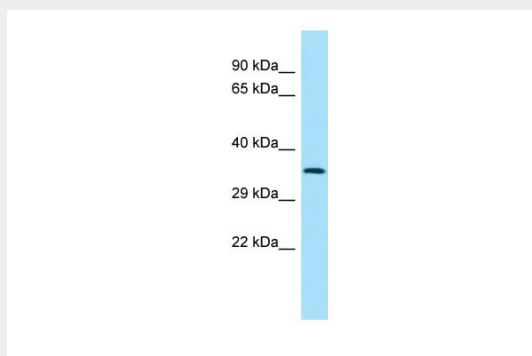
Expressed in all tissues tested, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas Expressed in J.CaM1.6, HuT 78 and HeLa cell lines (at protein level)

SPG21 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPG21 Antibody - C-terminal region - Images



WB Suggested Anti-SPG21 Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole CellSPG21 is supported by BioGPS gene expression data to be expressed in 721_B

SPG21 Antibody - C-terminal region - 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).