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Datasheet for ABIN1387815 anti-SPG21 antibody (AA 151-250)



Overview

| Quantity: | 100 µL | |
|----------------------|---|--|
| Target: | SPG21 | |
| Binding Specificity: | AA 151-250 | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This SPG21 antibody is un-conjugated | |
| Application: | ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human SPG21 | |
|-----------------------|---|--|
| Isotype: | IgG | |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Sheep,Pig,Horse,Chicken,Rabbit | |
| Purification: | Purified by Protein A. | |

Target Details

| Target: | SPG21 |
|-------------------|------------------------|
| Alternative Name: | SPG21 (SPG21 Products) |

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Target Details

Background:

Synonyms: Acid cluster protein 33, ACP33, BM019, BM-019, GL010, MAST, Maspardin, Spastic paraplegia 21 autosomal recessive Mast syndrome protein, SPG21 antibody, SPG21_HUMAN. Background: Maspardin is a 308 amino acid cytoplasmic protein that is widely expressed. Belonging to the AB hydrolase superfamily, Maspardin colocalizes with CD4 on endosomal/trans-Golgi network. It is thought that Maspardin may act as a negative regulatory factor in CD4-dependent T-cell activation. Defects in the gene encoding Maspardin are the result of hereditary spastic paraplegia autosomal recessive type 21 (also designated Mast syndrome), an autosomal recessive neurodegenerative disorder characterized by a slow, gradual, progressive weakness and spasticity of the lower limbs. The gene encoding Maspardin is encoded by human chromosome 15, which houses over 700 genes and comprises nearly 3 % of the human genome.

Application Details

| Application Notes: | WB 1:300-5000 |
|--------------------|---|
| | ELISA 1:500-1000 |
| | IHC-P 1:200-400 |
| | IHC-F 1:100-500 |
| | IF(IHC-P) 1:50-200 |
| | IF(IHC-F) 1:50-200 |
| | IF(ICC) 1:50-200 |
| | ICC 1:100-500 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |
| | handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

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Expiry Date:

12 months

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