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Datasheet for ABIN6991957

anti-SPNS1/Spinster 1 antibody (N-Term)

Overview

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| Quantity: | 0.1 mg |
| Target: | SPNS1/Spinster 1 (SPNS1) |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SPNS1/Spinster 1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | SPINSTER antibody was raised against an 18 amino acid peptide near the amino terminus of human SPINSTER. The immunogen is located within the first 50 amino acids of SPINSTER. |
| Isotype: | IgG |
| Specificity: | SPINSTER antibody is human specific. At least four isoforms of SPINSTER are known to exist. This antibody is predicted to not cross-react with other members of the spinster family of proteins. |
| Purification: | SPINSTER antibody is affinity chromatography purified via peptide column. |

Target Details

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| Target: | SPNS1/Spinster 1 (SPNS1) |
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Target Details

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| Alternative Name: | SPINSTE (SPNS1 Products) |
| Background: | SPINSTER, also known as SPNS1 or SPIN1, is a 528 amino acid multi-pass membrane protein that localizes to the inner mitochondrial membrane and belongs to the spinster subfamily of the major facilitator superfamily (1). SPINSTER interacts with Bcl-x and Bcl-2 and, via this interaction, is thought to be involved in necrotic or autophagic cell death (2). The related protein SPNS2 is critical for the normal lymphocyte localization and mammalian immune system function (1,3). |
| Molecular Weight: | Predicted: 58 kDa Observed: 56 kDa |
| Gene ID: | 83985 |
| NCBI Accession: | NP_001135920 |
| UniProt: | Q9H2V7 |

Application Details

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| Application Notes: | SPINSTER antibody can be used for detection of SPINSTER by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | SPINSTER antibody is supplied in PBS containing 0.02 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C, 4 °C |

Handling

Storage Comment: SPINSTER antibody can be stored at 4°C for three months and -20°C, stable for up to one year.