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Datasheet for ABIN6991603

anti-SPATA6 antibody (C-Term)

Overview

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| Quantity: | 0.1 mg |
| Target: | SPATA6 |
| Binding Specificity: | AA 400-450, C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SPATA6 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | SPATA6 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human SPATA6. The immunogen is located within amino acids 400 - 450 of SPATA6. |
| Isotype: | IgG |
| Specificity: | At least three isoforms of SPATA6 are known to exist, this antibody will detect only the longest two isoforms. SPATA6 antibody is predicted to not cross-react with other SPATA protein family members. |
| Purification: | SPATA6 Antibody is affinity chromatography purified via peptide column. |

Target Details

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| Target: | SPATA6 |
| Alternative Name: | SPATA6 (SPATA6 Products) |
| Background: | SPATA6 Antibody: The development of spermatogonial stem cells into spermatozoa, i.e., spermatogenesis, is a highly ordered process that requires multiple proteins, including some that are testis-specific or testis-specific isoforms of genes that are expressed in other tissues. One such protein is SPATA6: while its full-length isoform is expressed in multiple tissues including thymus, brain and testis, the shorter isoform is expressed only in testis. It has some homology to the motor domain of kinesin related proteins and with the C. elegans neural calcium sensor protein NCS-2. |
| Gene ID: | 54558 |
| NCBI Accession: | NP_061946 |
| UniProt: | Q9NWH7 |

Application Details

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| Application Notes: | SPATA6 antibody can be used for detection of SPATA6 by Western blot at 1 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 mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse 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: | SPATA6 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 |
| Storage Comment: | SPATA6 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As |

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.