

Datasheet for ABIN2790267
anti-MAST1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | MAST1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Pig, Dog, Rabbit, Guinea Pig, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MAST1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N-terminal region of Human MAST1 |
| Sequence: | TRDPFPDVVH LEEQDSGGSN TPEQDDLSEG RSSKAKKPPG ENDFDTIKLI |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Guinea Pig: 75%, Horse: 81%, Human: 100%, Mouse: 88%, Pig: 93%, Rabbit: 81%, Rat: 88% |
| Characteristics: | This is a rabbit polyclonal antibody against MAST1. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

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| Target: | MAST1 |
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Target Details

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| Alternative Name: | MAST1 (MAST1 Products) |
| Background: | <p>MAST1 appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins.</p> <p>Alias Symbols: KIAA0973, SAST, SAST170</p> <p>Protein Interaction Partner: ECSIT, EXOSC1, IFIT5, PAXIP1, MGEA5, RPP30, AP1M2, RAB3D, LONP1, PRDX2, FBXW4, RAD23A, RAB3A, PSEN2, NOS3, IFIT3, DNAJB1, GCDH, ELAVL3, CYP2C9, CYP2C8, CDK5, BLMH, APP, APOE, A2M, RNF32, LOXL4, PRAM1, STAMBPL1, RNLS, FBXL12, EXOC6, UBC, EGFR, PTEN, SNTA1,</p> <p>Protein Size: 1570</p> |
| Molecular Weight: | 171 kDa |
| Gene ID: | 22983 |
| NCBI Accession: | NM_014975 , NP_055790 |
| UniProt: | Q9Y2H9 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 1570 AA |
| Restrictions: | For Research Use only |

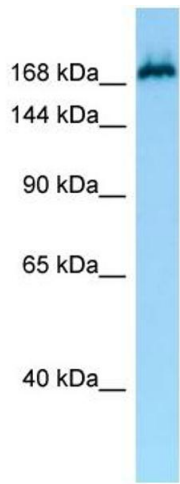
Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MAST1 Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell