

## MAST3 rabbit pAb

**Cat#: orb768170 (Manual)**

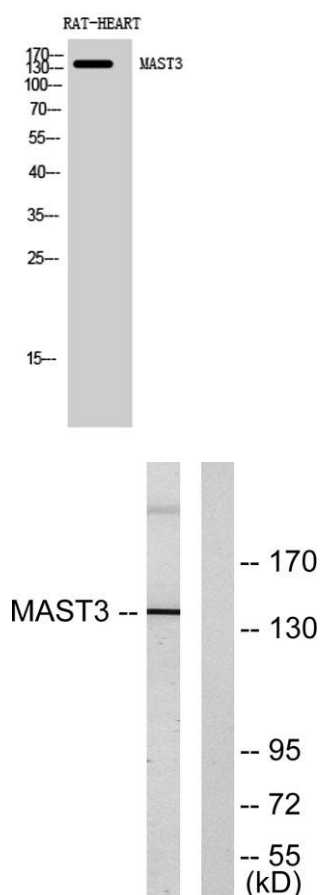
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|                                 |                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>             | MAST3 rabbit pAb                                                                                                      |
| <b>Host species</b>             | Rabbit                                                                                                                |
| <b>Applications</b>             | WB;ELISA                                                                                                              |
| <b>Species Cross-Reactivity</b> | Human;Mouse                                                                                                           |
| <b>Recommended dilutions</b>    | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.                                   |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human MAST3. AA range:1031-1080                   |
| <b>Specificity</b>              | MAST3 Polyclonal Antibody detects endogenous levels of MAST3 protein.                                                 |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..                                              |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                    |
| <b>Protein Name</b>             | Microtubule-associated serine/threonine-protein kinase 3                                                              |
| <b>Gene Name</b>                | MAST3                                                                                                                 |
| <b>Cellular localization</b>    | intracellular,                                                                                                        |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Clonality</b>                | Polyclonal                                                                                                            |

|                                |                                                                           |
|--------------------------------|---------------------------------------------------------------------------|
| <b>Concentration</b>           | 1 mg/ml                                                                   |
| <b>Observed band</b>           | 143kD                                                                     |
| <b>Human Gene ID</b>           | 23031                                                                     |
| <b>Human Swiss-Prot Number</b> | O60307                                                                    |
| <b>Alternative Names</b>       | MAST3; KIAA0561; Microtubule-associated serine/threonine-protein kinase 3 |

### Background

catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:It is uncertain whether Met-1, Met-171 or Met-172 is the initiator.,cofactor:Magnesium.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with PTEN.,



**Western Blot analysis of RAT-HEART cells using MAST3 Polyclonal Antibody diluted at 1:500**

**Western blot analysis of lysates from Jurkat cells, using MAST3 Antibody. The lane on the right is blocked with the synthesized peptide.**



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