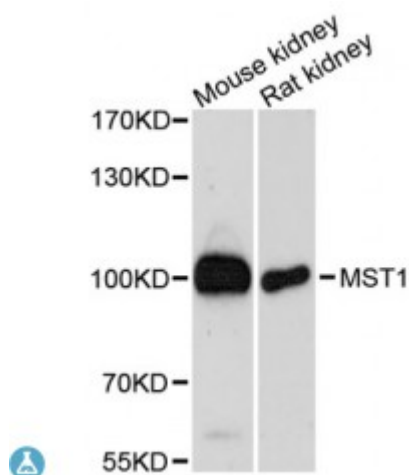


## Anti-MST1 Antibody



### Description

The protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds.

|                         |                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>            | STJ114829                                                                                                          |
| <b>Host</b>             | Rabbit                                                                                                             |
| <b>Reactivity</b>       | Mouse, Rat                                                                                                         |
| <b>Applications</b>     | WB                                                                                                                 |
| <b>Immunogen</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 200-500 of human MST1 (NP_066278.3). |
| <b>Gene ID</b>          | <a href="#">4485</a>                                                                                               |
| <b>Gene Symbol</b>      | <a href="#">MST1</a>                                                                                               |
| <b>Dilution range</b>   | WB 1:500 - 1:2000                                                                                                  |
| <b>Purification</b>     | Affinity purification                                                                                              |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                       |
| <b>Protein Name</b>     | Hepatocyte growth factor-like protein<br>Macrophage stimulatory protein<br>Macrophage-stimulating protein MSP      |
| <b>Molecular Weight</b> | 80.32 kDa                                                                                                          |

|                                         |                                                                                                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>                        | Polyclonal                                                                                                        |
| <b>Conjugation</b>                      | Unconjugated                                                                                                      |
| <b>Isotype</b>                          | IgG                                                                                                               |
| <b>Formulation</b>                      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                 |
| <b>Storage Instruction</b>              | Store at -20C. Avoid freeze / thaw cycles.                                                                        |
| <b>Database Links</b>                   | <a href="#">HGNC:7380OMIM:142408Reactome:R-HSA-8852405</a>                                                        |
| <b>Alternative Names</b>                | Hepatocyte growth factor-like protein<br>Macrophage stimulatory protein<br>Macrophage-stimulating protein MSP     |
| <b>Cellular Localization</b>            | Secreted                                                                                                          |
| <b>Post-translational Modifications</b> | Cleaved after Arg-483, probably by HPN/Hepsin, to yield the active form consisting of two disulfide-linked chains |

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