

Datasheet for ABIN2782338  
**anti-MST1 antibody (N-Term)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| Quantity:            | 100 µL                                                 |
| Target:              | MST1                                                   |
| Binding Specificity: | N-Term                                                 |
| Reactivity:          | Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig |
| Host:                | Rabbit                                                 |
| Clonality:           | Polyclonal                                             |
| Conjugate:           | This MST1 antibody is un-conjugated                    |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC)      |

## Product Details

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N-terminal region of Human MST1           |
| Sequence:             | TQCLGVPGQR SPLNDFQVLR GTELQHLLHA VVPGPWQEDV ADAEECAGRC                                              |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100% |
| Characteristics:      | This is a rabbit polyclonal antibody against MST1. It was validated on Western Blot.                |
| Purification:         | Affinity Purified                                                                                   |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | MST1                                   |
| Alternative Name: | MST1 ( <a href="#">MST1 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>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.</p> <p>Alias Symbols: D3F15S2, DNF15S2, HGFL, MSP, NF15S2</p> <p>Protein Interaction Partner: FOXO1, HIST2H2BE, MST1, DAXX, MOB1A, MST1R, KLKB1, SERPINA3,</p> <p>Protein Size: 711</p> |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |        |
|-------------------|--------|
| Molecular Weight: | 80 kDa |
|-------------------|--------|

|          |      |
|----------|------|
| Gene ID: | 4485 |
|----------|------|

|                 |                                                       |
|-----------------|-------------------------------------------------------|
| NCBI Accession: | <a href="#">NM_020998</a> , <a href="#">NP_066278</a> |
|-----------------|-------------------------------------------------------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">P26927</a> |
|----------|------------------------|

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

|                |         |
|----------------|---------|
| Concentration: | 1 mg/mL |
|----------------|---------|

|         |                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------|
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
|---------|-----------------------------------------------------------------------------------------------------|

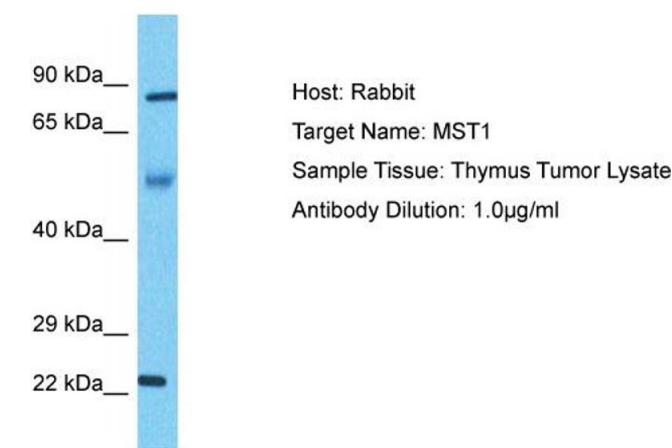
|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
|--------------------|------------------------------------------------------------------------------------------------------------------------|

|                  |                                  |
|------------------|----------------------------------|
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
|------------------|----------------------------------|

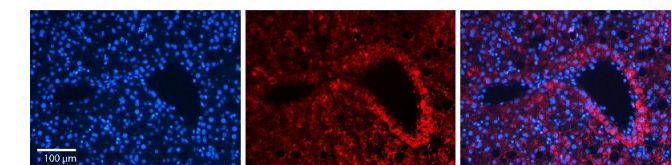
|          |        |
|----------|--------|
| Storage: | -20 °C |
|----------|--------|

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|



### Western Blotting

**Image 1.** Host: Rabbit Target Name: MST1 Sample Type: Thymus Tumor lysates Antibody Dilution: 1.0ug/ml



### Immunohistochemistry

**Image 2.** Rabbit Anti-MST1 Antibody Catalog Number: ARP45722\_P050 Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec