

Datasheet for ABIN6263390  
**anti-MSI1 antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Quantity:            | 100 µL                                                   |
| Target:              | MSI1                                                     |
| Binding Specificity: | C-Term                                                   |
| Reactivity:          | Human                                                    |
| Host:                | Rabbit                                                   |
| Clonality:           | Polyclonal                                               |
| Conjugate:           | This MSI1 antibody is un-conjugated                      |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

## Product Details

|                       |                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | A synthesized peptide derived from human MSI1, corresponding to a region within C-terminal amino acids.                   |
| Isotype:              | IgG                                                                                                                       |
| Specificity:          | MSI1 Antibody detects endogenous levels of total MSI1.                                                                    |
| Predicted Reactivity: | Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus                                                               |
| Purification:         | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

## Target Details

|         |      |
|---------|------|
| Target: | MSI1 |
|---------|------|

Target Details

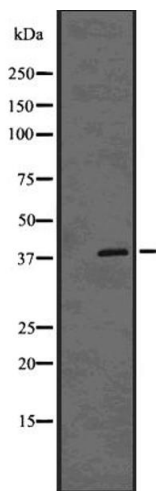
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | MSI1 ( <a href="#">MSI1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                        |
| Background:       | <p>Description: RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU-3' and other sequences containing the pattern 5'-[GA]U1-3AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system (By similarity).</p> <p>Gene: MSI1</p> |
| Molecular Weight: | 39kDa                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene ID:          | 4440                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt:          | <a href="#">O43347</a>                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pathways:         | <a href="#">Stem Cell Maintenance</a>                                                                                                                                                                                                                                                                                                                                                                                         |

Application Details

|                    |                                                                |
|--------------------|----------------------------------------------------------------|
| Application Notes: | WB 1:1000-3000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 |
| Restrictions:      | For Research Use only                                          |

Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.                  |
| 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                                                                                                                 |
| Storage Comment:   | Store at -20 °C. Stable for 12 months from date of receipt.                                                            |
| Expiry Date:       | 12 months                                                                                                              |



Western Blotting

**Image 1.** Western blot analysis of MSI1 using HUVEC whole cell lysates