

**Product Name: Musashi 1 (19M18) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe14244**



## Summary

<b>Production Name</b>	Musashi 1 (19M18) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	MSI1
<b>Alternative Names</b>	RNA-binding protein Musashi homolog 1; Musashi-1; MSI1;
<b>Gene ID</b>	4440.0
<b>SwissProt ID</b>	O43347.

## Application

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	39kDa

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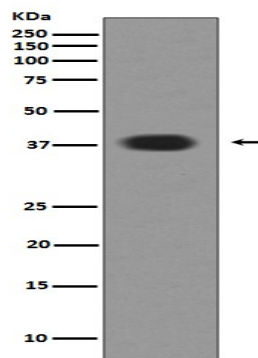


## Background

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. 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]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system (By similarity).

## Research Area

## Image Data



Western blot analysis of Musashi 1 expression in SH-SY-5Y cell lysate.

## Note

For research use only.