

# Anti-Musashi 1 Antibody

Catalog # AN2162

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O43347</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Rabbit Polyclonal
<b>Isotype</b>	IgG
<b>Calculated MW</b>	39125

## Additional Information

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<b>Gene ID</b>	4440
<b>Other Names</b>	MSI1, RNA-binding protein Musashi homolog 1
<b>Dilution</b>	WB~~1:1000
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Anti-Musashi 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
<b>Shipping</b>	Blue Ice

## Background

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Musashi 1, a neural RNA-binding protein, plays an important role in regulating cell differentiation in precursor cells. Musashi 1 (Msi-1) has been shown to increase the accumulation of tau isoforms in intracellular inclusions in dementia and Parkinson's. The presence of Msi-1 in a significant percentage of neurons containing cytoplasmic inclusions in 2 other neurodegenerative diseases Alzheimer's disease and Pick disease suggests that it may play a role in the pathogenesis of these neurodegenerative disorders. Musashi 1 has also been detected in human tumor tissues such as gliomas and melanomas, suggesting its involvement in cancer development. Msi-1 also appears to play a vital role in the development of several types of carcinoma such as human hepatoma, and may be a useful molecular marker for tumor detection.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.