

**Anti-Musashi 1 Antibody**  
Catalog # AN2162**Specification****Anti-Musashi 1 Antibody - Product Information**

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

**Anti-Musashi 1 Antibody - Additional Information**Gene ID **4440****Other Names**

MSI1, RNA-binding protein Musashi homolog 1

**Storage**

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.

**Precautions**

Anti-Musashi 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

Blue Ice

**Anti-Musashi 1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Musashi 1 Antibody - Images****Anti-Musashi 1 Antibody - Background**

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.