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Anti-Musashi 1 Antibody
Catalog # AN2162

Specification

Anti-Musashi 1 Antibody - Product Information

Primary Accession	O43347
Reactivity	**Bovine**
Host	**Rabbit**
Clonality	**Rabbit Polyclonal**
Isotype	**IgG**
Calculated MW	**39125**

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 Cytomety
- 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 be an vital role in the development of several types of carcinoma such as human hepatoma, and may be a useful molecular marker for tumor detection.