

MSI2 Antibody
Rabbit mAb
Catalog # AP90632

Specification

MSI2 Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	O96DH6
Reactivity	Rat
Clonality	Monoclonal
Other Names	
MSI2H; MGC3245; MSI2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	35197 Da

MSI2 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MSI2
Description	Msi2 (musashi homolog 2), also known as MSI2H, is a 328 amino acid protein that localizes to the cytoplasm and contains two RRM (RNA recognition motif) domains. Expressed ubiquitously at low levels, Msi2 functions as an RNA binding protein that, by regulating the expression of target mRNAs, is thought to play a role in the proliferation and maintenance of stem cells within the central nervous system. Msi2 is subject to posttranslational phosphorylation and is upregulated in response to brain injury, suggesting a role in healing and brain tissue regeneration.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

MSI2 Antibody - Protein Information

Name MSI2

Function

RNA binding protein that regulates the expression of target mRNAs at the translation level. May play a role in the proliferation and maintenance of stem cells in the central nervous system (By

similarity).

Cellular Location

Cytoplasm. Note=Associated with polysomes.

Tissue Location

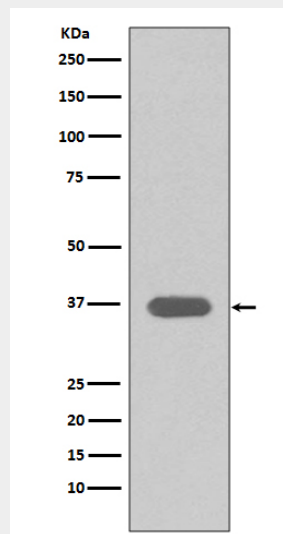
Ubiquitous; detected at low levels.

MSI2 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](#)

MSI2 Antibody - Images



Western blot analysis of MSI2 expression in T47 D cell lysate.