Product Name: **MSI2 (13U1) Rabbit Monoclonal Antibody**
Catalog #: **AMRe14176**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	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.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:500,ICC/IF 1:100-1:200,FC 1:50-1:200,IP 1:50-1:100
Molecular Weight	35kDa

Antigen Information

Gene Name	MSI2
Alternative Names	MSI2H; MGC3245; MSI2;
Gene ID	124540.0
SwissProt ID	Q96DH6
Immunogen	A synthetic peptide of human MSI2

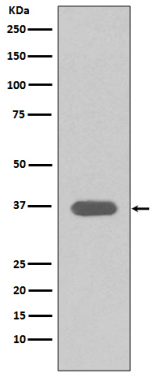
Background

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. 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).

Research Area

Image Data



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