

ARG41847 anti-MSI2 / Musashi 2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MSI2 / Musashi 2
Tested Reactivity	Hu, Ms
Predict Reactivity	Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MSI2 / Musashi 2
Species	Human
Immunogen	Synthetic peptide around the N-terminus of Human MSI2 / Musashi 2. (QGTSGSANDSQHD-C) (NP_620412.1)
Conjugation	Un-conjugated
Alternate Names	Musashi-2; MSI2H; RNA-binding protein Musashi homolog 2

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 37 kDa	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

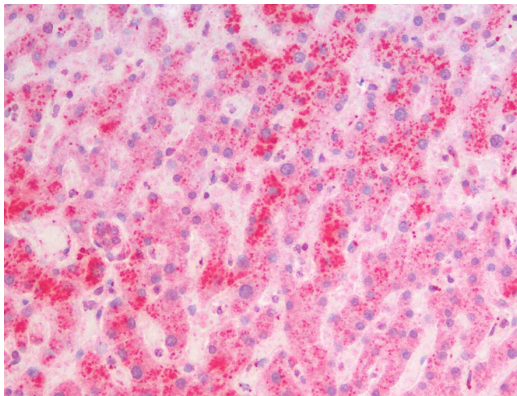
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

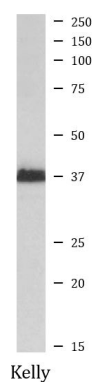
Gene Symbol	MSI2
Gene Full Name	musashi RNA-binding protein 2
Background	This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
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). [UniProt]
Calculated Mw	35 kDa (Human); 37 kDa (Mouse)
PTM	Phosphorylated. [UniProt]
Cellular Localization	Cytoplasm. Note=Associated with polysomes. [UniProt]

Images



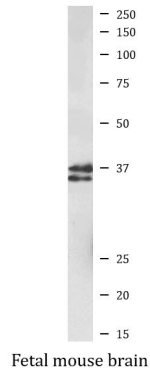
ARG41847 anti-MSI2 / Musashi 2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG41847 anti-MSI2 / Musashi 2 antibody at 5 µg/ml dilution.



ARG41847 anti-MSI2 / Musashi 2 antibody WB image

Western blot: 35 µg of Kelly cell lysate (in RIPA buffer) stained with ARG41847 anti-MSI2 / Musashi 2 antibody at 2 µg/ml dilution and incubated at RT for 1 hour.



ARG41847 anti-MSI2 / Musashi 2 antibody WB image

Western blot: 35 µg of fetal mouse brain lysate (in RIPA buffer) stained with ARG41847 anti-MSI2 / Musashi 2 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.