ARG45047
anti-RNASEH2B antibody [RM433]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit monoclonal [RM433] recognizes RNASEH2B.
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody reacts to human RNASEH2B
Host	Rabbit
Clonality	Monoclonal
Clone	RM433
Isotype	IgG
Target Name	RNASEH2B
Immunogen	A peptide corresponding to the C-terminus of RNASEH2B
Conjugation	Un-conjugated
Alternate Names	RNASEH2B; Ribonuclease H2 Subunit B; Deleted In Lymphocytic Leukemia 8; DLEU8; AGS2; Aicardi-Goutieres Syndrome 2 Protein; Ribonuclease HI Subunit B; RNase H2 Subunit B; FLJ11712; Aicardi-Goutieres Syndrome 2; Ribonuclease H2, Subunit B

Application Instructions

Application table

Application	Dilution
IHC-P	1:100 - 1:200
WB	1:1000 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS with 50% Glycerol, 1% BSA and 0.09% sodium azide
Preservative	0.09% sodium azide
Stabilizer	50% Glycerol, 1% BSA and 0.09%
Concentration	1 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. 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.

Bioinformation

Gene Symbol	RNASEH2B
Gene Full Name	Ribonuclease H2 Subunit B
Background	RNase H2 is composed of a single catalytic subunit (A) and two non-catalytic subunits (B and C) and specifically degrades the RNA of RNA:DNA hybrids. The protein encoded by this gene is the non-catalytic B subunit of RNase H2, which is thought to play a role in DNA replication. Multiple transcript variants encoding different isoforms have been found for this gene. Defects in this gene are a cause of Aicardi-Goutieres syndrome type 2 (AGS2). [provided by RefSeq, Nov 2008]
Function	Non catalytic subunit of RNase H2, an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. Participates in DNA replication, possibly by mediating the removal of lagging-strand Okazaki fragment RNA primers during DNA replication. Mediates the excision of single ribonucleotides from DNA:RNA duplexes. [Uniprot]
PTM	Acetylation, Phosphoprotein. [Uniprot]