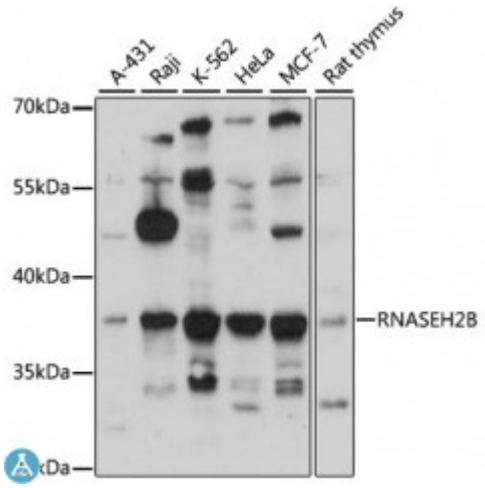
Anti-RNASEH2B Antibody



Description	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).

Model	STJ116269
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human RNASEH2B (NP_078846.2).
Gene ID	79621
Gene Symbol	RNASEH2B
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Widely expressed
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Ribonuclease H2 subunit B RNase H2 subunit B Aicardi-Goutieres syndrome 2 protein AGS2 Deleted in lymphocytic leukemia 8 Ribonuclease HI subunit B

Molecular Weight	35.139 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:25671OMIM:610181
Alternative Names	Ribonuclease H2 subunit B RNase H2 subunit B Aicardi-Goutieres syndrome 2 protein AGS2 Deleted in lymphocytic leukemia 8 Ribonuclease HI subunit B
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,
Cellular Localization	Nucleus