ARG40066
anti-RNASEH2C / RNase H2 subunit C antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RNASEH2C / RNase H2 subunit C
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RNASEH2C / RNase H2 subunit C
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-164 of Human RNASEH2C (NP_115569.2).
Conjugation	Un-conjugated
Alternate Names	RNase H1 small subunit; Ribonuclease H2 subunit C; Aicardi-Goutieres syndrome 3 protein; AGS3; RNase H2 subunit C; AYP1; Ribonuclease HI subunit C

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	293T
Observed Size	18 kDa

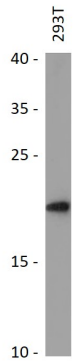
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	RNASEH2C
Gene Full Name	ribonuclease H2, subunit C
Background	This gene encodes a ribonuclease H subunit that can cleave ribonucleotides from RNA:DNA duplexes. Mutations in this gene cause Aicardi-Goutieres syndrome-3, a disease that causes severe neurologic dysfunction. A pseudogene for this gene has been identified on chromosome Y, near the sex determining region Y (SRY) gene. [provided by RefSeq, Jul 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]
Calculated Mw	18 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG40066 anti-RNASEH2C / RNase H2 subunit C antibody WB image

Western blot: 25 µg of 293T cell lysate stained with ARG40066 anti-RNASEH2C / RNase H2 subunit C antibody at 1:1000 dilution.