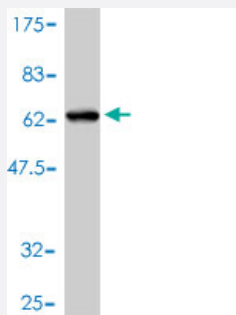


RNASEH2A polyclonal antibody (A01)

Catalog # H00010535-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (59 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant RNASEH2A.
Immunogen	RNASEH2A (AAH11748, 1 a.a. ~ 299 a.a) full-length recombinant protein with GST tag.
Sequence	MDLSELERDNTGRCRLSSPVPVAVCRKEPCVLGVDEAGRGPVLGPMVYAICYCPLPRLADLEALK VADSKTLLESERERLFAKMEDTDFVGWALDVLSPNLSTSM LGRVKYNLNSLSHDTATGLIQYALD QGVNVTQVFVDTVGMPETYQARLQQSFPGIEVTVKAKADALYPVVSAA S ICAKVARDQAVKKWQ FVEKLQDLDTDYGSGYPNDPKTKAWLKEHVEPVFGFPQFVRFSWRTAQTILEKEAEDVIWEDSA SENQEGLRKITSYFLNEGSQARPRSSHRYFLERGLSATSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (84)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (59 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RNASEH2A

Entrez GeneID [10535](#)

GeneBank Accession# [BC011748](#)

Protein Accession# [AAH11748](#)

Gene Name RNASEH2A

Gene Alias AGS4, JUNB, RNASEHI, RNHIA, RNHL

Gene Description ribonuclease H2, subunit A

Omim ID [606034 610333](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a component of the heterotrimeric type II ribonuclease H enzyme (RNaseH2). RNaseH2 is the major source of ribonuclease H activity in mammalian cells and endonucleolytically cleaves ribonucleotides. It is predicted to remove Okazaki fragment RNA primers during lagging strand DNA synthesis and to excise single ribonucleotides from DNA-DNA duplexes. Mutations in this gene cause Aicardi-Goutieres Syndrome (AGS), a an autosomal recessive neurological disorder characterized by progressive microcephaly and psychomotor retardation, intracranial calcifications, elevated levels of interferon-alpha and white blood cells in the cerebrospinal fluid

Other Designations ribonuclease H2, large subunit|ribonuclease HI, large subunit

Pathway

- [DNA replication](#)