RNASEH2C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RNASEH2C, Polyclonal Antibody
Full Product Name	RNASEH2C Antibody, HRP conjugated
Product Gene Name	anti-RNASEH2C antibody
Product Synonym Names	Ribonuclease H2 subunit C; RNase H2 subunit C; Aicardi-Goutieres syndrome 3 protein; AGS3; RNase H1 small subunit; Ribonuclease HI subunit C; RNASEH2C; AYP1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: RNASEH2C (MBS7103259) HRP Conjugated Antibody: RNASEH2C (MBS7103260)
Molecular Weight	17,840 Da
OMIM	AF312034 mRNA
3D Structure	ModBase 3D Structure for Q8TDP1
Immunogen	Recombinant Human Ribonuclease H2 subunit C protein (1-164AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-RNASEH2C antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RNASEH2C antibody	ELISA (EIA)
Related Product Information for anti-RNASEH2C antibody	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.
Other Notes	Small volumes of anti-RNASEH2C antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RNASEH2C purchase	MBS7103260 is an antibody targeting RNASEH2C. Also known as RNASEH2C Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RNASEH2C. It may not necessarily be applicable to this product.

NCBI GI #	38176285
NCBI GeneID	84153
NCBI Accession #	NP_115569.2
UniProt Primary Accession #	Q8TDP1
UniProt Secondary Accession #	Q9H7F5
UniProt Related Accession #	Q8TDP1
GenBank Nucleotide #	NM_032193.3
NCBI Official Full Name	ribonuclease H2 subunit C
NCBI Official Synonym Full Names	ribonuclease H2 subunit C
NCBI Official Symbol	RNASEH2C
NCBI Official Synonym Symbols	AGS3; AYP1
UniProt Protein Name	Ribonuclease H2 subunit C
UniProt Synonym Protein Names	Aicardi-Goutieres syndrome 3 protein; AGS3; RNase H1 small subunit; Ribonuclease HI subunit C
Protein Family	Ribonuclease
UniProt Gene Name	RNASEH2C
UniProt Synonym Gene Names	AYP1; RNase H2 subunit C; AGS3
NCBI Protein Information	ribonuclease H2 subunit C
NCBI Summary for RNASEH2C	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]
Research Articles on RNASEH2C	**1.** This study reviewed that Neurologic Phenotypes Associated with Mutations in RNASEH2C in patients with Aicardi-Goutieres Syndrome.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/rnaseh2c/7103260