

Rabbit anti-Human RNH2C Polyclonal Antibody | anti-RNASEH2C antibody

RNH2C Antibody (Center)

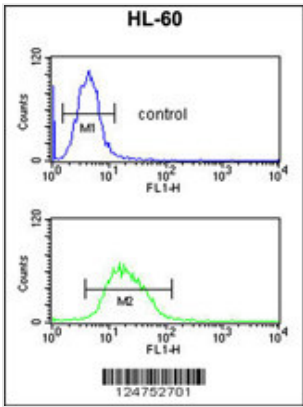
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285036	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

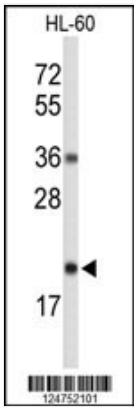
RNH2C; Polyclonal Antibody; RNH2C Antibody (Center); Ribonuclease H2 subunit C; RNase H2 subunit C; Aicardi-Goutieres syndrome 3 protein; AGS3; RNase H1 small subunit; Ribonuclease H1 subunit C; RNASEH2C; AYP1; anti-RNASEH2C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RNH2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-108 amino acids from the Central region of human RNH2C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	80-108
Sequence Length	163
Applicable Applications for anti-RNASEH2C antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RNH2C Antibody (Center) flow cytometric analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of RNH2C Antibody (Center) in HL-60 cell line lysates (35ug/lane). RNH2C(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RNASEH2C antibody	RNH2C encodes a ribonuclease H subunit that can cleave ribonucleotides from RNA:DNA duplexes.
References	Chon,H., et.al., Nucleic Acids Res. 37 (1), 96-110 (2009) Rice,G., et.al., Am. J. Hum. Genet. 81 (4), 713-725 (2007) Crow,Y.J., et.al., Nat. Genet. 38 (8), 910-916 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38176285
NCBI GeneID	84153
NCBI Accession #	NP_115569.2
NCBI GenBank Nucleotide #	NM_032193.3
UniProt Accession #	Q8TDP1; Q9H7F5
Molecular Weight	17840
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
NCBI Protein Information	ribonuclease H2 subunit C
UniProt Protein Name	Ribonuclease H2 subunit C
UniProt Gene Name	RNASEH2C
UniProt Synonym Gene Names	AYP1; RNase H2 subunit C; AGS3
UniProt Entry Name	RNH2C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.