

Rabbit anti-Human RNASEH2B Polyclonal Antibody | anti-RNASEH2B antibody

RNASEH2B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284412	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

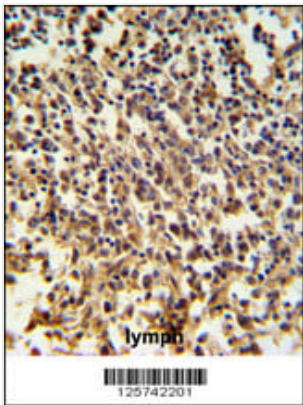
PRODUCT SYNONYMS

RNASEH2B; Polyclonal Antibody; RNASEH2B Antibody (Center); Ribonuclease H2 subunit B; RNase H2 subunit B; Aicardi-Goutieres syndrome 2 protein; AGS2; Deleted in lymphocytic leukemia 8; Ribonuclease HI subunit B; DLEU8; anti-RNASEH2B antibody

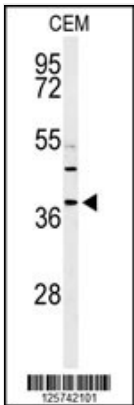
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RNASEH2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 130-157 amino acids from the Central region of human RNASEH2B.
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	130-157
Sequence Length	257
Applicable Applications for anti-RNASEH2B antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohiostchemistry)
RNASEH2B Antibody (Center) IHC analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RNASEH2B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of RNASEH2B Antibody (Center) in CEM cell line lysates (35ug/lane). RNASEH2B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RNASEH2B antibody	RNASEH2B 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. RNASEH2B is the non-catalytic B subunit of RNase H2, which is thought to play a role in DNA replication.
References	Crozat, K., et al. Immunol. Rev. 227(1):129-149(2009) Chon, H., et al. Nucleic Acids Res. 37(1):96-110(2009) Crow, Y.J., et al. Dev Med Child Neurol 50(6):410-416(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	186910286
NCBI GeneID	79621
NCBI Accession #	NP_078846.2
NCBI GenBank Nucleotide #	NM_024570.3
UniProt Accession #	Q5TBB1; Q05DR2; Q6PK48; Q9HAF7; G3XAJ1
Molecular Weight	35139
NCBI Official Full Name	ribonuclease H2 subunit B isoform 1
NCBI Official Synonym Full Names	ribonuclease H2, subunit B
NCBI Official Symbol	RNASEH2B
NCBI Official Synonym Symbols	AGS2; DLEU8
NCBI Protein Information	ribonuclease H2 subunit B
UniProt Protein Name	Ribonuclease H2 subunit B
UniProt Gene Name	RNASEH2B
UniProt Synonym Gene Names	DLEU8; RNase H2 subunit B; AGS2
UniProt Entry Name	RNH2B_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.

