

Rabbit anti-Human RNASE9 Polyclonal Antibody | anti-RNASE9 antibody

RNASE9 Antibody (C-term)

CATALOG # AAA288504	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

RNASE9; Polyclonal Antibody; RNASE9 Antibody (C-term); Inactive ribonuclease-like protein 9; anti-RNASE9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RNASE9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 139-167 amino acids from the C-terminal region of human RNASE9.
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.
Sequence Positions	139-167
Sequence Length	210
Applicable Applications for anti-RNASE9 antibody	ELISA, WB (Western Blot)
Function	Does not exhibit any ribonuclease activity.
Cellular Location	Secreted.
Tissue Location	At the mRNA level, widely expressed (PubMed:18992174). At protein level, restricted to epididymis (PubMed:19137000). Expressed in spermatozoa (sperm head and neck), with higher levels on ejaculated and epididymal sperm than on testicular sperm (at protein level). Expressed in the epithelial cells of the epididymal tubule (at protein level). Not detected in muscle.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

RNASE9 Antibody (C-term) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the RNASE9 antibody detected the RNASE9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RNASE9 antibody	The function of this protein is unknown.
Product Categories/Family for anti-RNASE9 antibody	Cell Biology
References	Liu, J., et al. BMC Res Notes 1, 111 (2008) : Cho, S., et al. Genomics 85(2):208-220(2005) Devor, E.J., et al. Hum. Biol. 76(6):921-935(2004) Penttinen, J., et al. Mol. Endocrinol. 17(11):2138-2151(2003) Heilig, R., et al. Nature 421(6923):601-607(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	111607480
NCBI GeneID	390443
NCBI Accession #	NP_001001673.2; NP_001103826.1; NP_001103827.1; NP_001103828.1; NP_001103829.1; NP_001103830.1; NP_001103831.1
NCBI GenBank Nucleotide #	NM_001001673.3
UniProt Accession #	P60153; Q5GAN7; Q6KG53; A2RQR8; A8QJS1
Molecular Weight	24307
NCBI Official Full Name	inactive ribonuclease-like protein 9 isoform 2
NCBI Official Synonym Full Names	ribonuclease, RNase A family, 9 (non-active)
NCBI Official Symbol	RNASE9
NCBI Official Synonym Symbols	RAK1; h461; HEL128
NCBI Protein Information	inactive ribonuclease-like protein 9
UniProt Protein Name	Inactive ribonuclease-like protein 9
UniProt Gene Name	RNASE9
UniProt Entry Name	RNAS9_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.