

Rabbit anti-Human RNASE3 Polyclonal Antibody | anti-RNASE3 antibody

RNASE3 Antibody (C-term)

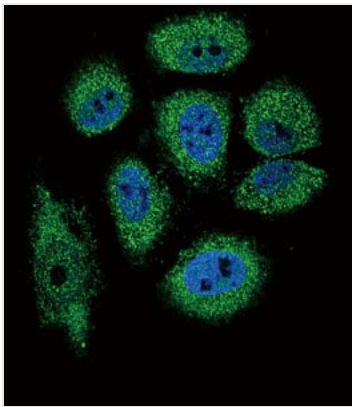
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287543	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

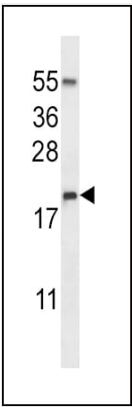
RNASE3; Polyclonal Antibody; RNASE3 Antibody (C-term); Eosinophil cationic protein; ECP; 3127-; Ribonuclease 3; RNase 3; RNS3; anti-RNASE3 antibody

PRODUCT SPECIFICATIONS

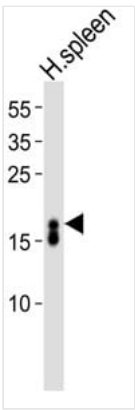
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RNASE3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 124-151 amino acids from the C-terminal region of human RNASE3.
Purity/Purification	Peptide Affinity Purified Rabbit 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: 0.44 (varies by lot)
Sequence Positions	124-151
Sequence Length	160
Applicable Applications for anti-RNASE3 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Clone Names	RB30251
Function	Cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. Possesses a wide variety of biological activities. Exhibits antibacterial activity, including cytoplasmic membrane depolarization of preferentially Gram-negative, but also Gram-positive strains. Promotes E.coli outer membrane detachment, alteration of the overall cell shape and partial loss of cell content.
Cellular Location	Secreted. Note=Located in the matrix of eosinophil large specific granule, which are released following activation by an immune stimulus.
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.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of RNASE3 Antibody (C-term) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
RNASE3 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the RNASE3 antibody detected the RNASE3 protein (arrow).



WB (Western Blot)
Western blot analysis of lysate from human spleen tissue lysate, using RNASE3 Antibody (C-term). AAA287543 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-RNASE3 antibody	Cytotoxin and helminthotoxin with low-efficiency ribonuclease activity.
References	Peona, V., et al. J Asthma 47(2):131-134(2010) Kang, I., et al. Eur Arch Otorhinolaryngol 267(3):391-395(2010) Jonsson, U.B., et al. BMC Pulm Med 10, 36 (2010) : Kato, M., et al. Int. Arch. Allergy Immunol. 152 SUPPL 1, 62-66 (2010) : Chang, K.C., et al. BMC Cell Biol. 11, 6 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	45243507
NCBI GeneID	6037
NCBI Accession #	NP_002926.2
NCBI GenBank Nucleotide #	NM_002935.2
UniProt Accession #	P12724; Q4VBC1; Q8WTP7; Q8WZ62; Q9GZN9
Molecular Weight	18385

NCBI Official Full Name	eosinophil cationic protein
NCBI Official Synonym Full Names	ribonuclease, RNase A family, 3
NCBI Official Symbol	RNASE3
NCBI Official Synonym Symbols	ECP; RNS3
NCBI Protein Information	eosinophil cationic protein
UniProt Protein Name	Eosinophil cationic protein
UniProt Gene Name	RNASE3
UniProt Synonym Gene Names	ECP; RNS3; ECP; RNase 3
UniProt Entry Name	ECP_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rnase3-antibody-immunofluorescence-western-blot-elisa/287543>