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RNASE2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19003b

Product Information

Application	WB, E
Primary Accession	P10153
Other Accession	NP_002925.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39471
Calculated MW	18354
Antigen Region	124-152

Additional Information

Gene ID	6036
Other Names	Non-secretory ribonuclease, Eosinophil-derived neurotoxin, RNase UpI-2, Ribonuclease 2, RNase 2, Ribonuclease US, RNASE2, EDN, RNS2
Target/Specificity	This RNASE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 124-152 amino acids from the C-terminal region of human RNASE2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
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.
Precautions	RNASE2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RNASE2
Synonyms	EDN, RNS2
Function	This is a non-secretory ribonuclease. It is a pyrimidine specific nuclease with

	a slight preference for U. Cytotoxin and helminthotoxin. Selectively chemotactic for dendritic cells. Possesses a wide variety of biological activities.
Cellular Location	Lysosome. Cytoplasmic granule. Note=Matrix of eosinophil's large specific granule
Tissue Location	Liver, lung, spleen, leukocytes and body fluids.

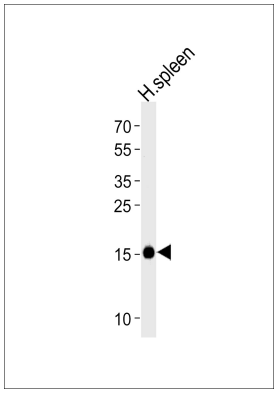
Background

This is a non-secretory ribonuclease. It is a pyrimidine specific nuclease with a slight preference for U. Cytotoxin and helminthotoxin. Selectively chemotactic for dendritic cells. Possesses a wide variety of biological activities.

References

McGovern, D.P., et al. Hum. Mol. Genet. 19(17):3468-3476(2010)
Plager, D.A., et al. J. Immunol. 183(6):4013-4020(2009)
Wang, H.Y., et al. J. Cell. Biochem. 106(2):317-326(2009)
Ueki, M., et al. Cell Biochem. Funct. 26(6):718-722(2008)
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Images



Western blot analysis of lysate from human spleen tissue lysate, using RNASE2 Antibody (C-term)(Cat. #AP19003b). AP19003b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.