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GZMH Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21589a

Product Information

Application	WB, E
Primary Accession	P20718
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53067
Calculated MW	27315

Additional Information

Gene ID	2999
Other Names	Granzyme H, 3421-, CCP-X, Cathepsin G-like 2, CTSGL2, Cytotoxic T-lymphocyte proteinase, Cytotoxic serine protease C, CSP-C, GZMH, CGL2, CTSGL2
Target/Specificity	This GZMH antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 19-52 amino acids from human GZMH.
Dilution	WB~~1:2000 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	GZMH Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GZMH
Synonyms	CGL2, CTSGL2
Function	Cytotoxic chymotrypsin-like serine protease with preference for bulky and aromatic residues at the P1 position and acidic residues at the P3' and P4'

	sites. Probably necessary for target cell lysis in cell-mediated immune responses. Participates in the antiviral response via direct cleavage of several proteins essential for viral replication.
Cellular Location	Cytolytic granule.
Tissue Location	Constitutively expressed in NK cells.

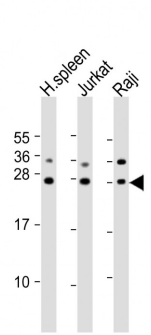
Background

Cytotoxic chymotrypsin-like serine protease with preference for bulky and aromatic residues at the P1 position and acidic residues at the P3' and P4' sites. Probably necessary for target cell lysis in cell-mediated immune responses. Participates in the antiviral response via direct cleavage of several proteins essential for viral replication.

References

Meier M.,et al.Biochemistry 29:4042-4049(1990).
Haddad P.,et al.Int. Immunol. 3:57-66(1991).
Klein J.L.,et al.Tissue Antigens 35:220-228(1990).
Kothapalli R.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Heilig R.,et al.Nature 421:601-607(2003).

Images



All lanes : Anti-GZMH Antibody (N-Term) at 1:2000 dilution Lane 1: human spleen lysates Lane 2: Jurkat whole cell lysates Lane 3: Raji whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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