10320 Camino Santa Fe, Suite G
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GZMH Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21589a

Specification

GZMH Antibody (N-Term) - Product Information

Application	**WB,E**
Primary Accession	P20718
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**27315**

GZMH Antibody (N-Term) - 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

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.

GZMH Antibody (N-Term) - 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.

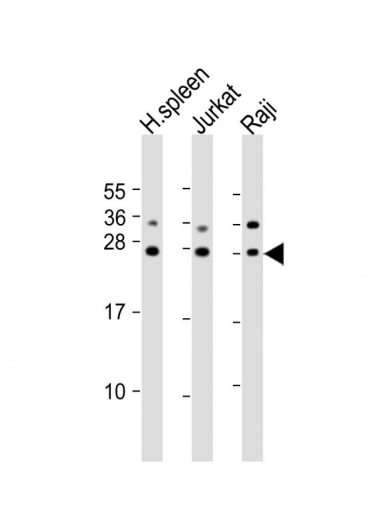
Tissue Location
Constitutively expressed in NK cells.

GZMH Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GZMH Antibody (N-Term) - 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.

GZMH Antibody (N-Term) - 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.

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GZMH Antibody (N-Term) - References

Meier M.,et al.Biochemistry 29:4042-4049(1990).
Haddad P.,et al.Int. Immunol. 3:57-66(1991).
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Heilig R.,et al.Nature 421:601-607(2003).