

**GZMH Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6576a****Specification**

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**GZMH Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P20718](#)**GZMH Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2999**Other Names**

Granzyme H, 3421-, CCP-X, Cathepsin G-like 2, CTSL2, Cytotoxic T-lymphocyte proteinase, Cytotoxic serine protease C, CSP-C, GZMH, CGL2, CTSL2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6576a](/products/AP6576a) was selected from the N-term region of human GZMH. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GZMH Antibody (N-term) Blocking Peptide - Protein Information****Name** GZMH**Synonyms** CGL2, CTSL2**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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **GZMH Antibody (N-term) Blocking Peptide - Images**

### **GZMH Antibody (N-term) Blocking Peptide - Background**

GZMH is probably necessary for target cell lysis in cell-mediated immune responses.

### **GZMH Antibody (N-term) Blocking Peptide - References**

Romero,V., Cell Death Differ. 16 (2), 340-348 (2009)Hou,Q., Mol. Immunol. 45 (4), 1044-1055 (2008)Waterhouse,N.J., Trends Immunol. 28 (9), 373-375 (2007)