

## Granzyme H Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03796
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GRAH. AA range:51-100
<b>Mol wt</b>	27315
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Granzyme H Antibody
<b>Synonyms</b>	GZMH; CGL2; CTSG2; Granzyme H; CCP-X; Cathepsin G-like 2; CTSG2; Cytotoxic T-lymphocyte proteinase; Cytotoxic serine protease C; CSP-C

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

GZMH encodes a member of the peptidase S1 family of serine proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a chymotrypsin-like protease. Granzyme H is reported to be constitutively expressed in the NK (natural killer) cells of the immune system and may play a role in the cytotoxic arm of the innate immune response by inducing target cell death and by directly cleaving substrates in pathogen-infected cells. GZMH is present in a gene cluster with another member of the granzyme subfamily on chromosome 14.

### Recommended Dilution

WB: 1: 500 - 1: 2000

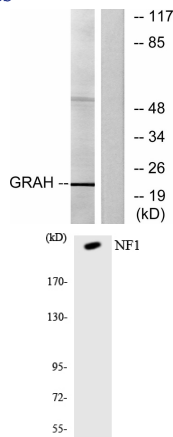
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

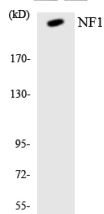
ELISA: 1: 40000

Not yet tested in other applications.

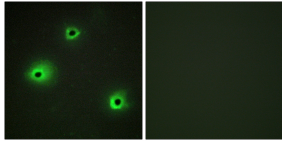
### Images



Western blot analysis of lysates from K562 cells, using GRAH Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using NF1 antibody.



Immunofluorescence analysis of A549 cells, using GRAH Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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