Product Name: Granzyme H Rabbit Polyclonal Antibody
Catalog #: APRab11742

Summary

Production Name	Granzyme H Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GZMH
Alternative Names	GZMH; CGL2; CTSGL2; Granzyme H; CCP-X; Cathepsin G-like 2; CTSGL2; Cytotoxic T-lymphocyte proteinase; Cytotoxic serine protease C; CSP-C
Gene ID	2999.0
SwissProt ID	P20718.The antiserum was produced against synthesized peptide derived from human GRAH. AA range:51-100

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Molecular Weight	23kD

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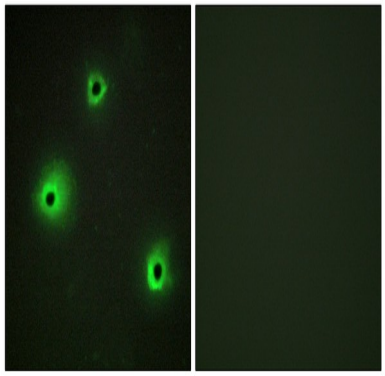
Background

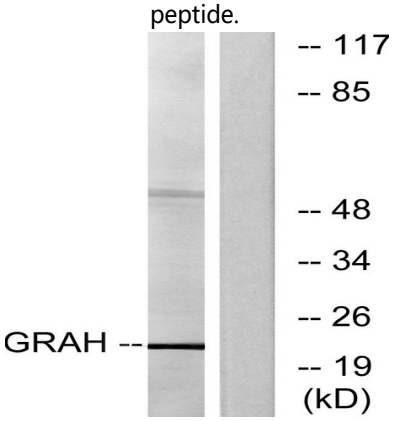
This gene encodes a member of the peptidase S1 family of serine proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a chymotrypsin-like protease. This protein is reported to be constitutively 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. This gene is present in a gene cluster with another member of the granzyme subfamily on chromosome 14. [provided by RefSeq, Nov 2015],function:This enzyme is probably necessary for target cell lysis in cell-mediated immune responses.,similarity:Belongs to the peptidase S1 family.,similarity:Belongs to the peptidase S1 family. Granzyme subfamily.,similarity:Contains 1 peptidase S1 domain.,subcellular location:Cytoplasmic granules of cytolytic T-lymphocytes.,

Research Area

Image Data



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



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

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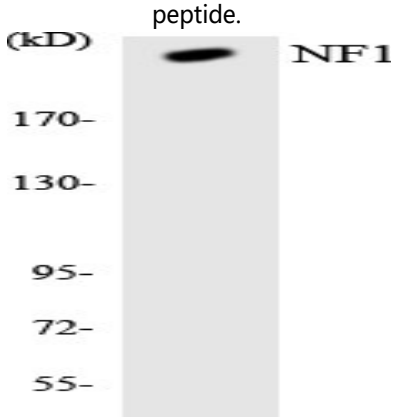

Western blot analysis of the lysates from HepG2 cells using NF1 antibody.

Note

For research use only.