

Rabbit anti-Human Granzyme H Polyclonal Antibody | anti-GZMH antibody

Anti-Granzyme H Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259552	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

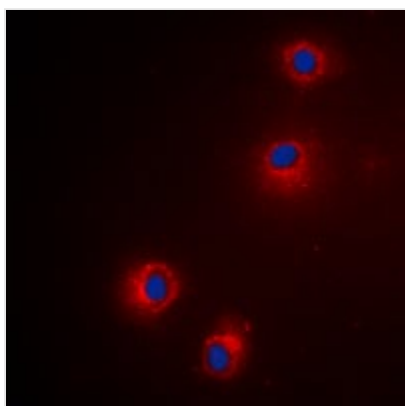
PRODUCT SYNONYMS

Granzyme H; Polyclonal Antibody; Anti-Granzyme H Antibody; CGL2; CTSG2; CCP-X; Cathepsin G-like 2; Cytotoxic T-lymphocyte proteinase; Cytotoxic serine protease C; CSP-C; anti-GZMH antibody

PRODUCT SPECIFICATIONS

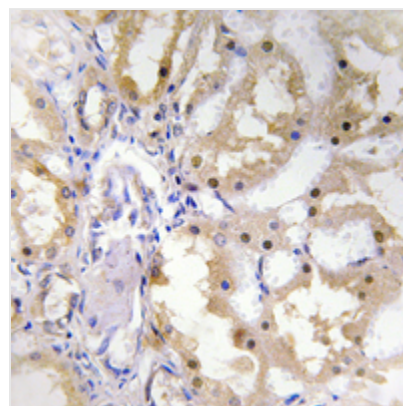
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Granzyme H protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	160
Applicable Applications for anti-GZMH antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Granzyme H. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



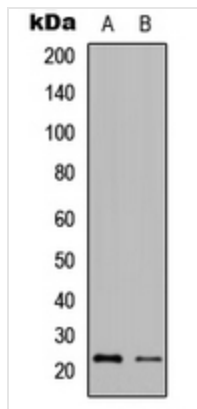
IF (Immunofluorescence)

Immunofluorescent analysis of Granzyme H staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Granzyme H staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Granzyme H expression in Jurkat (A), HeLa (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GZMH antibody

Rabbit polyclonal antibody to Granzyme H

NCBI AND UNIPROT INFORMATION

NCBI GI #	399124767
NCBI GeneID	2999
NCBI Accession #	NP_001257710.1
NCBI GenBank Nucleotide #	NM_001270781.1
UniProt Accession #	P20718; Q6XGZ0; Q6XGZ1; G3V2C5
Molecular Weight	12,609 Da
NCBI Official Full Name	granzyme H isoform 3
NCBI Official Synonym Full Names	granzyme H (cathepsin G-like 2, protein h-CCPX)
NCBI Official Symbol	GZMH
NCBI Official Synonym Symbols	CCP-X; CGL-2; CSP-C; CTLA1; CTSG2
NCBI Protein Information	granzyme H
UniProt Protein Name	Granzyme H
UniProt Gene Name	GZMH
UniProt Synonym Gene Names	CGL2; CTSG2; CTSG2; CSP-C
UniProt Entry Name	GRAH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/granzyme-h-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/259552>