

Product datasheet for **TA371810S**

Granzyme H (GZMH) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Hela and 231 cell lysates IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GZMH
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	27 kDa
Gene Name:	granzyme H
Database Link:	Entrez Gene 2999 Human P20718



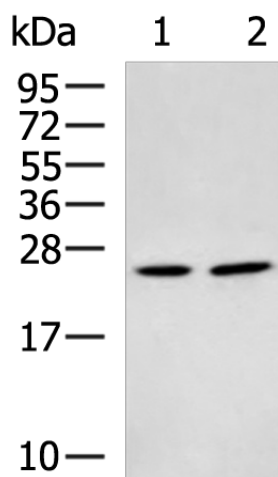
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Background:

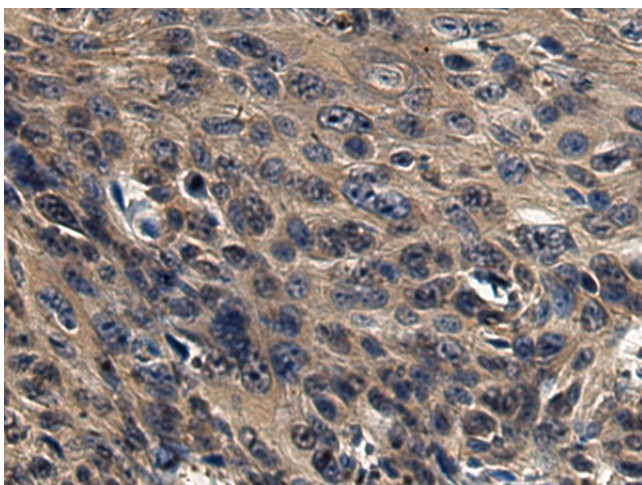
This gene encodes a member of the peptidase S1 family of serine proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a chymotrypsin-like protease. This protein is reported to be constitutively 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]

Synonyms:

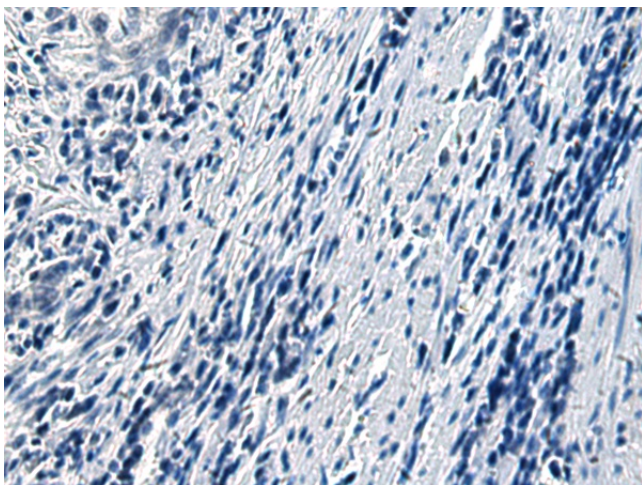
CCP-X; CGL-2; CGL2; CSP-C; CTLA1; CTSG2

Product images:

Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-2: HeLa and 231 cell lysates
Primary antibody: [TA371810] (GZMH Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human esophagus cancer using [TA371810] (GZMH Antibody) at dilution 1/75 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer using [TA371810] (GZMH Antibody) at dilution 1/75, treated with synthetic peptide. (Original magnification: ×200)