

Product datasheet for TA359409

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Granzyme H (GZMH) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the C-terminal region of Human

GZMH

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 27kDa

Gene Name: granzyme H **Database Link:** NP 219491

Entrez Gene 2999 Human

P20718



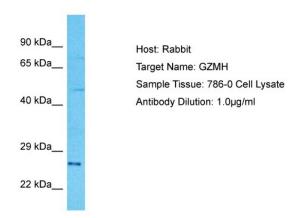


Background:

The protein encoded by this gene is a member of the granzyme family. Members of this family are highly conserved serine proteases that eliminate transformed cells and virusinfected cells. This protein, which has chymotrypsin-like activity, has a preference for bulky aromatic amino acids at the P1 position and for acidic residues at the P3' and P4' positions. This protein is reported to be constitutively expressed in NK cells 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. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

Synonyms: CCP-X; CGL-2; CGL2; CSP-C; CTLA1; CTSGL2

Product images:



Host: Rabbit Target Name: GZMH

Sample Type: 786-0 Whole Cell lysates

Antibody Dilution: 1.0ug/ml