

Product datasheet for **TA359409**

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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



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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 virus-infected 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: