

Product datasheet for **TA334406**

Granzyme A (GZMA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GZMA antibody: synthetic peptide directed towards the middle region of human GZMA. Synthetic peptide located within the following region: TREGDLKLLQLTEKAKINKYVTILHLPKKGDDVKPGTMCQVAGWGRTHNS
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	granzyme A
Database Link:	NP_006135 Entrez Gene 3001 Human P12544



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Background:

Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

CTLA3; HFSP

Note:

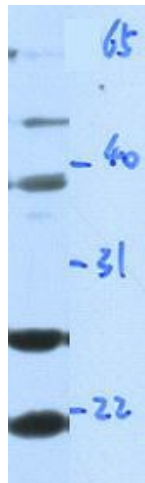
Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Horse: 93%; Dog: 86%; Bovine: 85%; Rabbit: 79%

Protein Families:

Druggable Genome, Protease, Secreted Protein

Protein Pathways:

Neuroactive ligand-receptor interaction

Product images:

WB Suggested Anti-GZMA Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Jurkat cell lysate GZMA is supported by BioGPS gene expression data to be expressed in Jurkat