



Rabbit Anti-Human GZMA Polyclonal Antibody (CABT-L2067)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Granzyme A (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against GZMA. It has been selected for its ability to recognize GZMA in immunohistochemical staining and western blotting.
Target	GZMA
Immunogen	Recombinant fragment corresponding to human GZMA (Ile29-Val260)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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. [provided by RefSeq, Jul 2008]
Keywords	CTLA3;HFSP;HF;H factor;Granzyme 1;Fragmentin-1;Hanukkah factor;Cytotoxic T-Lymphocyte-Associated Serine Esterase 3;CTL tryptase;Cytotoxic T-lymphocyte proteinase 1

GENE INFORMATION

Gene Name	GZMA granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3) [Homo sapiens (human)]
Official Symbol	GZMA
Synonyms	GZMA; granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3); HFSP; CTLA3; granzyme A; HF; h factor; CTL tryptase; fragmentin-1; cytotoxic T-lymphocyte proteinase 1; Granzyme A (Cytotoxic T-lymphocyte-associated serine esterase-3; Hanukah factor serine protease);
Entrez Gene ID	3001
Protein Refseq	NP_006135
UniProt ID	P12544
Chromosome Location	5q11-q12
Pathway	IL12-mediated signaling events; Neuroactive ligand-receptor interaction;
Function	protein binding; protein homodimerization activity; serine-type endopeptidase activity;