

Rabbit anti-Human Granzyme A Polyclonal Antibody | anti-GZMA antibody

Anti-Granzyme A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45005	Rabbit	Human	Immunohistochemistry, Western Blot

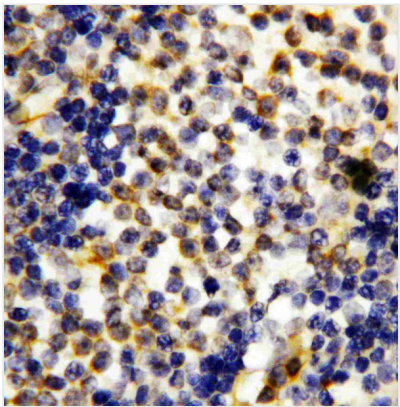
PRODUCT SYNONYMS

Granzyme A; Polyclonal Antibody; Anti-Granzyme A antibody; granzyme A(granzyme 1; cytotoxic T-lymphocyte-associated serine esterase 3); CTL tryptase antibody; CTLA3 antibody; Cytolytic t cell and natural killer cell specific trypsin like serine protease antibody; Cytotoxic T lymphocyte associated serine esterase 3 antibody; Cytotoxic T lymphocyte proteinase 1 antibody; Cytotoxic T-lymphocyte proteinase 1 antibody; Fragmentin 1 antibody; Fragmentin-1 antibody; GRAA_HUMAN antibody; Granzyme 1 cytotoxic T lymphocyte associated serine esterase 3 antibody; Granzyme A(Cytotoxic T lymphocyte associated serine esterase 3; Hanukah factor serine protease) antibody; Granzyme A(granzyme 1; cytotoxic T lymphocyte associated serine esterase 3) antibody; Granzyme A antibody; Granzyme A precursor antibody; Granzyme-1 antibody; GZMA antibody; H factor antibody; Hanukah factor serine protease antibody; Hanukkah factor antibody; HF antibody; HFSP antibody; TSP1 antibody; anti-GZMA antibody

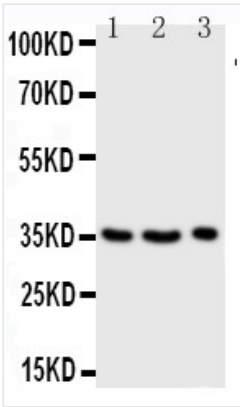
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	262
Applicable Applications for anti-GZMA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Granzyme A (175-190aa DRKVCNDRNHYNFNPV).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Granzyme A antibody, AAA45005, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti-Granzyme A antibody, AAA45005, Western blottingLane 1: JURKAT Cell LysateLane 2: CEM Cell LysateLane 3: RAJI Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GZMA antibody	Description: Rabbit IgG polyclonal antibody for Granzyme A(GZMA) detection. Tested with WB, IHC-P in Human. Background: Granzyme A is a protein that in humans is encoded by the GZMA gene. Cytolytic T lymphocytes(CTL) and natural killer(NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are though 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. GZMA induces caspase-independent apoptosis in a characteristic manner, except it causes a distinctive form of DNA damage: single-stranded DNA nicking. A target of GZMA is the SET complex, including HMGB2 and ANP32A.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373360
NCBI GeneID	3001
UniProt Accession #	P12544; Q6IB36; A4PHN1
Molecular Weight	27,109 Da
NCBI Official Full Name	Granzyme A
NCBI Official Synonym Full Names	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)
NCBI Official Symbol	GZMA
NCBI Official Synonym Symbols	HFSP; CTLA3
NCBI Protein Information	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)
UniProt Protein Name	Granzyme A
UniProt Gene Name	GZMA
UniProt Synonym Gene Names	CTLA3; HFSP; H factor; HF
UniProt Entry Name	GRAA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.