

Rabbit Granzyme A (GZMA) Polyclonal Antibody | anti-GZMA antibody

Biotin-Linked Antibody to Granzyme A (GZMA)

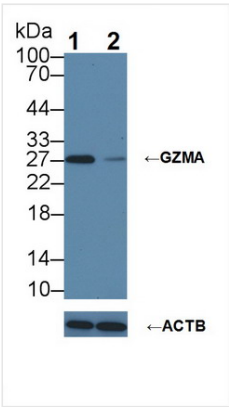
CATALOG # AAA130698	HOST Rabbit	REACTIVITY Mouse, Human, Rat, Pig	APPLICATIONS Western Blot, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

Granzyme A (GZMA); Polyclonal Antibody; Biotin-Linked Antibody to Granzyme A (GZMA); anti-GZMA antibody

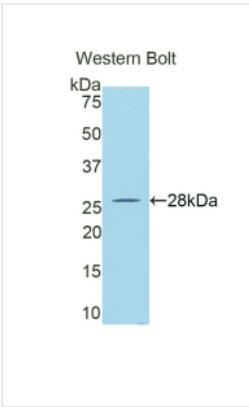
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GZMA conjugated to biotin. It has been selected for its ability to recognize GZMA in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-IIGGDTVV PHSRPYMA LL KLSNTICAG ALIEKNWVLT AAHCNVGKRS KFILGAHSIN KEPEQQILTV KKAFFPYPCYD EYTREGDLQL VRLKKKATVN RNVAILHLPK KGDDVKPGTR CRVAGWGRFG NKSAPSETLR EVNITVIDRK ICNDEKHYNF HPVIGLNMIC AGDLRGGKDS CNGDSGSPLL CDGILRGITS FGGEKCGD RR WPGVYTF LSD KHLNWIKKIM KGSV
Sequence Length	23
Applicable Applications for anti-GZMA antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Immunogen	Recombinant GZMA (Ile29~Val260) expressed in E.coli.
Cross Reactivity	Human, Mouse
Unconjugated Antibody	The unconjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



Knockout Validation

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: GZMA knockout Jurkat cell lysate; Predicted MW: 29kDa Observed MW: 27kDa Primary Ab: 5ug/ml Rabbit Anti-Mouse GZMA Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Figure. Western Blot; Sample: Recombinant protein.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GZMA antibody	Biotin Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4096788
NCBI GeneID	3001
UniProt Accession #	P12544; Q6IB36; A4PHN1
Molecular Weight	28,999 Da
NCBI Official Full Name	granzyme A, partial
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.