

Rabbit Granzyme B Polyclonal Antibody | anti-GZMB antibody

Granzyme B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284992	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

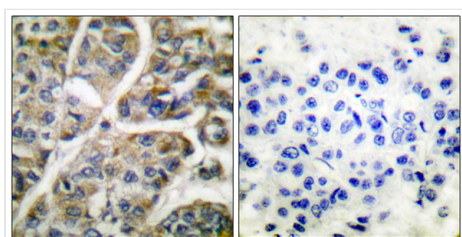
PRODUCT SYNONYMS

Granzyme B; Polyclonal Antibody; Granzyme B Antibody; C11; CTLA-1; Cathepsin G-like 1; CTSL1; Cytotoxic T-lymphocyte proteinase 2; Lymphocyte protease; Fragmentin-2; Granzyme-2; Human lymphocyte protein; HLP; SECT; T-cell serine protease 1-3E; GZMB; CGL1; CSPB; CTLA1; GRB; anti-GZMB antibody

PRODUCT SPECIFICATIONS

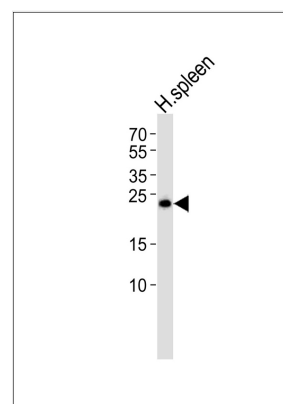
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	6-35
Sequence Length	247
Applicable Applications for anti-GZMB antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Granzyme B antibody.



WB (Western Blot)

Western blot analysis of lysate from human spleen tissue lysate, using Granzyme B Antibody (AAA284992). AAA284992 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-GZMB antibody	This enzyme is necessary for target cell lysis in cell- mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.
Product Categories/Family for anti-GZMB antibody	Cancer; Cell Biology; Immunology; Signal Transduction
References	Schmid J.,et al.J. Immunol. 139:250-256(1987). Caputo A.,et al.J. Biol. Chem. 263:6363-6369(1988). Trapani J.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:6924-6928(1988). Klein J.L.,et al.Genomics 5:110-117(1989). Caputo A.,et al.J. Immunol. 145:737-744(1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	221625528
NCBI GeneID	3002
NCBI Accession #	NP_004122.2
NCBI GenBank Nucleotide #	NM_004131.4
UniProt Accession #	P10144; Q8N1D2; Q9UCC1
Molecular Weight	27716
NCBI Official Full Name	granzyme B
NCBI Official Synonym Full Names	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)
NCBI Official Symbol	GZMB
NCBI Official Synonym Symbols	HLP; CCPI; CGL1; CSPB; SECT; CGL-1; CSP-B; CTLA1; CTSG1
NCBI Protein Information	granzyme B
UniProt Protein Name	Granzyme B
UniProt Gene Name	GZMB
UniProt Synonym Gene Names	CGL1; CSPB; CTLA1; GRB; CTSG1; Lymphocyte protease; HLP
UniProt Entry Name	GRAB_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/granzyme-b-antibody-immunohistochemistry-western-blot-elisa/284992>