

Anti-Granzyme A antibody



Description	Rabbit polyclonal to Granzyme A.
Model	STJ93413
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human Granzyme A
Immunogen Region	30-110 aa, Internal
Gene ID	3001
Gene Symbol	GZMA
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	Granzyme A Polyclonal Antibody detects endogenous levels of Granzyme A protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Granzyme A CTL tryptase Cytotoxic T-lymphocyte proteinase 1 Fragmentin-1 Granzyme-1 Hanukkah factor H factor HF
Molecular Weight	28.969 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4708OMIM:140050
Alternative Names	Granzyme A CTL tryptase Cytotoxic T-lymphocyte proteinase 1 Fragmentin-1 Granzyme-1 Hanukkah factor H factor HF
Function	Abundant protease in the cytosolic granules of cytotoxic T-cells and NK-cells which activates caspase-independent cell death with morphological features of apoptosis when delivered into the target cell through the immunological synapse. It cleaves after Lys or Arg. Cleaves APEX1 after 'Lys-31' and destroys its oxidative repair activity. Cleaves the nucleosome assembly protein SET after 'Lys-189', which disrupts its nucleosome assembly activity and allows the SET complex to translocate into the nucleus to nick and degrade the DNA.
Cellular Localization	Isoform alpha: Secreted. Cytoplasmic granule.

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