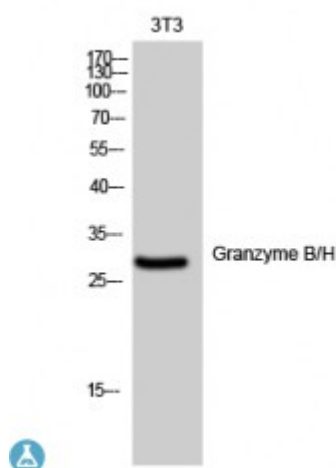


Anti-Granzyme B/H antibody



Description	Rabbit polyclonal to Granzyme B/H.
Model	STJ93414
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Granzyme B/H
Immunogen Region	10-90 aa, N-terminal
Gene ID	3002
Gene Symbol	GZMB
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	Granzyme B/H Polyclonal Antibody detects endogenous levels of Granzyme B/H 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 B C11 CTLA-1 Cathepsin G-like 1 CTSG1 Cytotoxic T-lymphocyte proteinase 2 Lymphocyte protease Fragmentin-2 Granzyme-2 Human lymphocyte protein HLP SECT T-cell serine proteas
Molecular Weight	28 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:4709OMIM:123910
Alternative Names	Granzyme B C11 CTLA-1 Cathepsin G-like 1 CTSG1 Cytotoxic T-lymphocyte proteinase 2 Lymphocyte protease Fragmentin-2 Granzyme-2 Human lymphocyte protein HLP SECT T-cell serine protease
Function	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.
Cellular Localization	Cytoplasmic granule. Cytoplasmic granules of cytolytic T-lymphocytes and natural killer cells.

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