



Granzyme B/H rabbit pAb

Cat No.:ES5706

For research use only

Overview

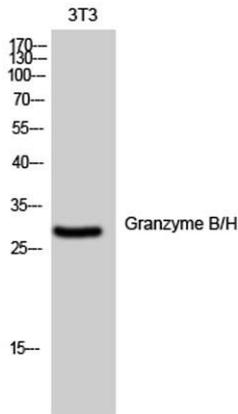
Product Name	Granzyme B/H rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Granzyme B. AA range:10-59
Specificity	Granzyme B/H Polyclonal Antibody detects endogenous levels of Granzyme B/H protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Granzyme B/H
Gene Name	GZMB/GZMH
Cellular localization	Secreted . Cytolytic granule . Delivered into the target cell by perforin (PubMed:20038786). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	38kD
Human Gene ID	2999
Human Swiss-Prot Number	P10144/P20718
Alternative Names	GZMB; CGL1; CSPB; CTLA1; GRB; Granzyme B; 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; GZMH; C





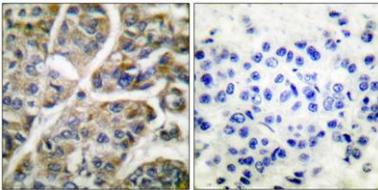
Background

This gene encodes a member of the granzyme subfamily of proteins, part of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by natural killer (NK) cells and cytotoxic T lymphocytes (CTLs) and proteolytically processed to generate the active protease, which induces target cell apoptosis. This protein also processes cytokines and degrades extracellular matrix proteins, and these roles are implicated in chronic inflammation and wound healing. Expression of this gene may be elevated in human patients with cardiac fibrosis. [provided by RefSeq, Sep 2016],



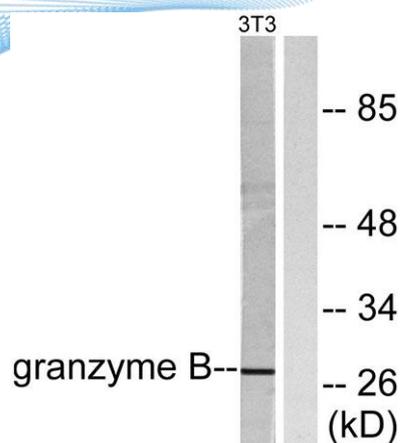
Western Blot analysis of 3T3 cells using Granzyme B/H Polyclonal Antibody diluted at 1:500

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Granzyme B Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from NIH/3T3 cells, using Granzyme B Antibody. The lane on the right is blocked with the synthesized peptide.



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