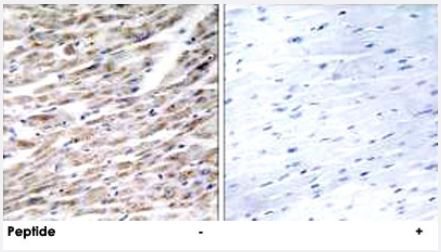
GZMA polyclonal antibody

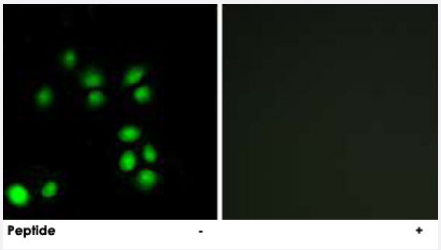
Catalog # PAB17542 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using GZMA polyclonal antibody (Cat # PAB17542).
Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HepG2 cells, using GZMA polyclonal antibody (Cat # PAB17542).
Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GZMA.
Immunogen	A synthetic peptide corresponding to internal of human GZMA.
Host	Rabbit
Reactivity	Human
Specificity	This antibody detects endogenous levels of total GZMA protein.
Form	Liquid

Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry analysis of paraffin-embedded human heart tissue using GZMA polyclonal antibody (Cat # PAB17542). Peptide "+" means "with peptide blocking".

- Immunofluorescence

  Immunofluorescence analysis of HepG2 cells, using GZMA polyclonal antibody (Cat # PAB17542).
  Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GZMA

Entrez GeneID	3001
Protein Accession#	P12544
Gene Name	GZMA
Gene Alias	CTLA3, HFSP
Gene Description	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)
Omim ID	140050
Gene Ontology	Hyperlink

Gene Summary	Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. [provided by RefSeq
Other Designations	CTL tryptase|Granzyme A (Cytotoxic T-lymphocyte-associated serine esterase-3; Hanukah factor serine protease)|granzyme A

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- Infant
- Respiratory Syncytial Virus Infections