

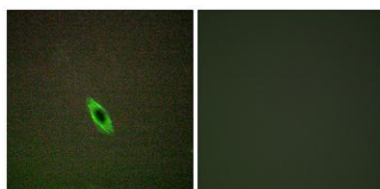
## Granzyme A rabbit pAb

**Cat#: orb768584 (Manual)**

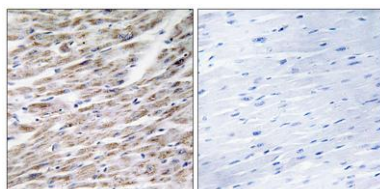
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	Granzyme A rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GRAA. AA range:61-110
<b>Specificity</b>	Granzyme A Polyclonal Antibody detects endogenous levels of Granzyme A protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Granzyme A
<b>Gene Name</b>	GZMA
<b>Cellular localization</b>	[Isoform alpha]: Secreted . Cytoplasmic granule . Delivered into the target cell by perforin. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

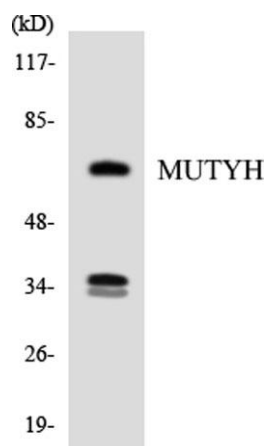
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	3001
<b>Human Swiss-Prot Number</b>	P12544
<b>Alternative Names</b>	GZMA; CTLA3; HFSP; Granzyme A; CTL tryptase; Cytotoxic T-lymphocyte proteinase 1; Fragmentin-1; Granzyme-1; Hanukkah factor; H factor; HF
<b>Background</b>	Cytolytic 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, Jul 2008],



**Immunofluorescence analysis of HepG2 cells, using GRAA Antibody. The picture on the right is blocked with the synthesized peptide.**



**Immunohistochemistry analysis of paraffin-embedded human heart tissue, using GRAA Antibody. The picture on the right is blocked with the synthesized peptide.**



Western blot analysis of the lysates from HUVEC cells using MUTYH antibody.