

Product name:	Granzyme A Rabbit Polyclonal Antibody
Cat number:	ABN11739
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human GRAA. AA range:61-110
Reactivity:	Human,Rat,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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],catalytic activity:Hydrolysis of proteins, including fibronectin, type IV collagen and nucleolin. Preferential cleavage: -Arg- -Xaa-, -Lys- -Xaa- >> -Phe- -Xaa- in small molecule substrates.,function:This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Lys or Arg. May be involved in apoptosis.,similarity:Belongs to the peptidase S1 family. Granzyme subfamily.,similarity:Contains 1 peptidase S1 domain.,subunit:Homodimer; disulfide-linked.,