



Granzyme K Polyclonal Antibody

Catalog No	YP-Ab-00418
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	GZMK
Immunogen	The antiserum was produced against synthesized peptide derived from human GRAK. AA range:61-110
Specificity	Granzyme K Polyclonal Antibody detects endogenous levels of Granzyme K protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GZMK;Granzyme-3;Granzyme3;Granzyme 3;Fragmentin-3;Granzyme K;TRYP2; NK-tryptase-2;NK-Tryp-2
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Secreted. Cytoplasmic granule.
Tissue Specificity	Expressed in lung, spleen, thymus and peripheral blood leukocytes.
Function	similarity:Belongs to the peptidase S1 family. Granzyme subfamily., similarity:Contains 1 peptidase S1 domain.,tissue specificity:Expressed in lung, spleen, thymus and peripheral blood leukocytes.,
Background	This gene product is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. 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 lacks consensus sequences for N-glycosylation present in other granzymes. [provided by RefSeq, Jul 2008],

matters needing attention

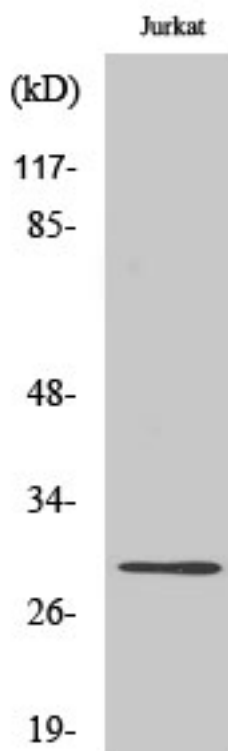
Avoid repeated freezing and thawing!

Usage suggestions

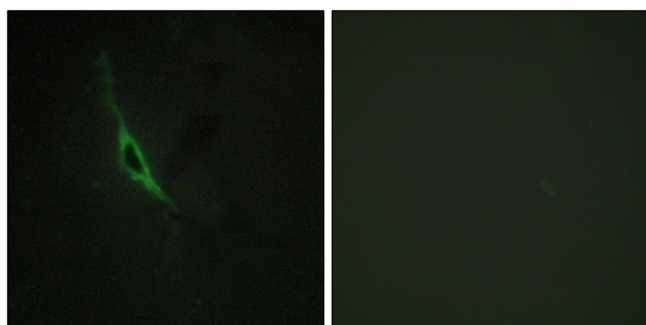
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



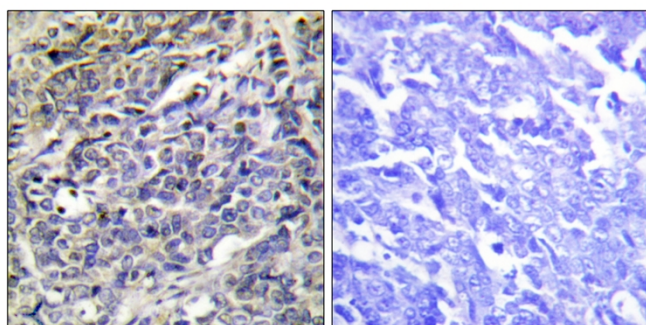
Products Images



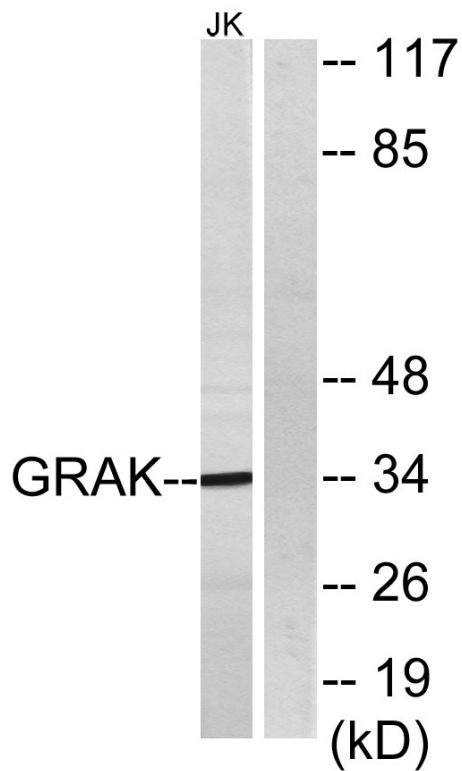
Western Blot analysis of various cells using Granzyme K Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of NIH/3T3 cells, using GRAK Antibody. The picture on the right is blocked with the synthesized peptide.



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



Western blot analysis of lysates from Jurkat cells, using GRAK Antibody. The lane on the right is blocked with the synthesized peptide.