

Rabbit anti-Human, Rat GZMK Polyclonal Antibody | anti-GZMK antibody

GZMK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323400	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

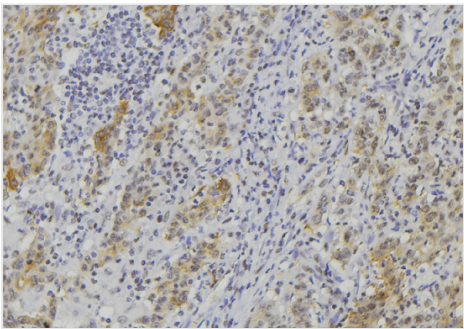
PRODUCT SYNONYMS

GZMK; Polyclonal Antibody; GZMK Antibody; Fragmentin 3; Fragmentin-3; Fragmentin3; GRAK_HUMAN; Granzyme 3; granzyme K (granzyme 3; tryptase II); granzyme K (serine protease; granzyme 3; Granzyme K; Granzyme K precursor; Granzyme-3; Granzyme3; GranzymeK; NK TRYP 2; NK TRYP2; NK tryptase 2; NK-TRYP-2; NK-tryptase-2; NKTRYP2; Serine protease granzyme 3; TRYP 2; TRYP2; Tryptase II; Tryptasell; anti-GZMK antibody

PRODUCT SPECIFICATIONS

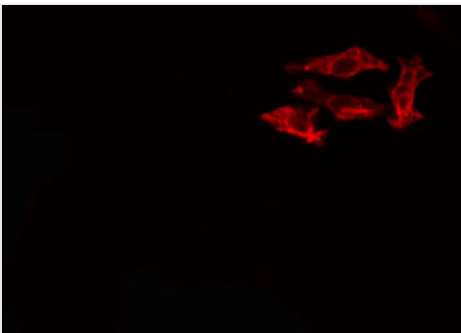
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GZMK antibody detects endogenous levels of total GZMK
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	264
Applicable Applications for anti-GZMK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted. Cytoplasmic Granule.
Tissue Specificity	Expressed in lung, spleen, thymus and peripheral blood leukocytes.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (91%), Sheep (100%), Rabbit (90%), Dog (100%)
Conjugation	Unconjugated

IMAGES



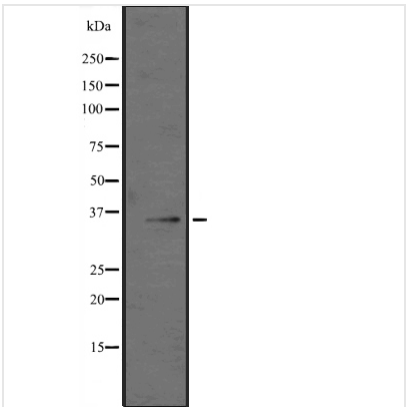
IHC (Immunohistochemisry)

AAA323400 at 1/100 staining Human lung cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA323400 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of GZMK expression in Jurkat cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GZMK antibody	Similarity: Belongs to the peptidase S1 family. Granzyme subfamily.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504235
NCBI GeneID	3003
NCBI Accession #	NP_002095.1
NCBI GenBank Nucleotide #	NM_002104.2
UniProt Accession #	P49863; B2R563
Molecular Weight	Observed: 34 kDa Predicted: 29 kDa
NCBI Official Full Name	granzyme K
NCBI Official Synonym Full Names	granzyme K
NCBI Official Symbol	GZMK
NCBI Official Synonym Symbols	TRYP2

NCBI Protein Information	granzyme K
UniProt Protein Name	Granzyme K
UniProt Gene Name	GZMK
UniProt Synonym Gene Names	TRYP2; NK-Tryp-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gzmk-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323400>