

GNLY Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13075a

Specification

GNLY Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P22749
Other Accession	NP_006424.2 , NP_036615.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	16374
Antigen Region	14-42

GNLY Antibody (N-term) - Additional Information

Gene ID 10578

Other Names

Granulysin, Lymphokine LAG-2, Protein NKG5, T-cell activation protein 519, GNLY, LAG2, NKG5, TLA519

Target/Specificity

This GNLY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-42 amino acids from the N-terminal region of human GNLY.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GNLY Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GNLY Antibody (N-term) - Protein Information

Name GNLY

Synonyms LAG2, NKG5, TLA519

Function Antimicrobial protein that kills intracellular pathogens. Active against a broad range of microbes, including Gram-positive and Gram-negative bacteria, fungi, and parasites. Kills *Mycobacterium tuberculosis*.

Cellular Location

Secreted. Note=Located in the cytotoxic granules of T-cells, which are released upon antigen stimulation

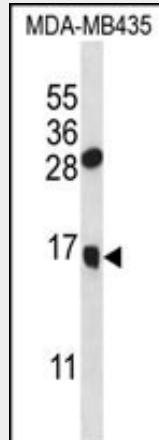
Tissue Location

Expressed in natural killer and T-cells.

GNLY Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GNLY Antibody (N-term) - Images

GNLY Antibody (N-term) (Cat. #AP13075a) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the GNLY antibody detected the GNLY protein (arrow).

GNLY Antibody (N-term) - Background

The product of this gene is a member of the saposin-like protein (SAPLIP) family and is located in the cytotoxic granules of T cells, which are released upon antigen stimulation. This protein is present in cytotoxic granules of cytotoxic T lymphocytes and natural killer cells, and it has antimicrobial activity against *M. tuberculosis* and other organisms. Alternatively spliced transcript variants encoding different isoforms have been identified.

GNLY Antibody (N-term) - References

Xing, J., et al. *J. Immunol.* 185(9):5074-5081(2010)
Schuurhof, A., et al. *Pediatr. Pulmonol.* 45(6):608-613(2010)
Davila, S., et al. *Genes Immun.* 11(3):232-238(2010)
Yang, C., et al. *Int. J. Tuberc. Lung Dis.* 13(11):1360-1366(2009)
Hogg, A.E., et al. *J. Leukoc. Biol.* 86(5):1191-1203(2009)