10320 Camino Santa Fe, Suite G
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GSDMA Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP4887a

Specification

GSDMA Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q96QA5

GSDMA Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 284110

Other Names
Gasdermin-A, Gasdermin-1, GSDMA, GSDM, GSDM1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GSDMA Antibody (N-term) Blocking Peptide - Protein Information

Name GSDMA (HGNC:13311)

Function
[Gasdermin-A]: This form constitutes the precursor of the pore-forming protein and acts as a sensor of infection: upon infection by S.pyogenes, specifically cleaved by S.pyogenes effector protein SpeB in epithelial cells, releasing the N-terminal moiety (Gasdermin-A, N- terminal) that binds to membranes and forms pores, triggering pyroptosis.

Cellular Location
[Gasdermin-A]: Cytoplasm, perinuclear region. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q5Y4Y6}

Tissue Location
Expressed predominantly in the gastrointestinal tract and, at a lower level, in the skin. Also detected in mammary gland. In the gastrointestinal tract, mainly expressed in differentiated cells, including the differentiated cell layer of esophagus and mucus-secreting pit cells of the gastric epithelium Down-regulated in gastric cancer cells.

GSDMA Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GSDMA Antibody (N-term) Blocking Peptide - Images

GSDMA Antibody (N-term) Blocking Peptide - Background

GSDMA induces apoptosis.

GSDMA Antibody (N-term) Blocking Peptide - References

Soranzo, N., et al. Nat. Genet. 41(11):1182-1190(2009)Saeki, N., et al. Genes Chromosomes Cancer 48(3):261-271(2009)Tamura, M., et al. Genomics 89(5):618-629(2007)