



Rabbit Anti-GSDML antibody

SL13291R

Product Name:	GSDML
Chinese Name:	GSDML蛋白抗体
Alias:	Gasdermin like; 123; 156; Gasdermin B; Gasdermin like protein; Gasdermin-B; Gasdermin-like protein; GSDMB; GSDMB HUMAN; GSDML; PP4052; PRO2521.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GSDML/Gasdermin like:171-270/411
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	GSDML is a member of the GSDMDC (gasdermin-domain containing) family of proteins. Members of the GSDMDC family are involved in a wide variety of cellular processes, including cell-cycle control, extracellular matrix production, differentiation and apoptosis, and have been associated with the development and progression of cancer. GSDML is a widely expressed protein found in both cancerous and non-

cancerous tissues localizing to the cytoplasm and in secretory vesicles. The gene encoding GSDML is thought to have been generated by a duplication event of the GSDM1 gene which encodes gasdermin. In addition, various isoforms exist for GSDML.

Function:

May play a role as secretory or metabolic product involved in secretory pathway. May also play a role in achieving and maintaining the final differentiation state of epithelial cells.

Subcellular Location:

Cytoplasm. Vesicular localization in the apical region of gastric chief cells and colonic surface mucous cells, and the basal region of neuroendocrine cells.

Tissue Specificity:

Expressed in gastric, liver and colon cell lines, carcinomas and non-lesional tissues.

Similarity:

Belongs to the gasdermin family.

SWISS:

Q8TAX9

Gene ID:

55876

Database links:

[Entrez Gene: 55876](#)Human

[Omir: 611221](#)Human

[SwissProt: Q8TAX9](#)Human

[Unigene: 306777](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.