

For Research Use Only

GSDMD Polyclonal antibody

Catalog Number: 30695-1-AP

1 Publications



Basic Information

Catalog Number:

30695-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33609

GenBank Accession Number:

BC029813

GeneID (NCBI):

69146

UNIPROT ID:

Q9D8T2

Full Name:

gasdermin D

Calculated MW:

53 kDa

Observed MW:

50-53 kDa, 43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

mouse

Cited Species:

mouse

Positive Controls:

WB : EL-4 cells, EL-4-B5 cells, NIH/3T3 cells, mouse liver tissue

IP : RAW 264.7 cells,

Background Information

GSDMD is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. GSDMD has been suggested to act as a tumor suppressor. Recently, GSDMD is identified as a new component of inflammasomes, and it is an executor of pyroptosis and required for interleukin-1 β secretion. Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death. Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death. This antibody can detect 53 kDa full-length GSDMD and 43 kDa fragment as described in the literature (PMID: 28392147, PMID: 28979266).

Notable Publications

Author	Pubmed ID	Journal	Application
Yi Pu	39547060	Ecotoxicol Environ Saf	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

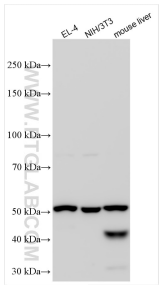
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

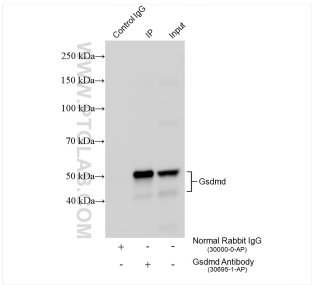
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30695-1-AP (Gsdmd antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-Gsdmd (IP:30695-1-AP, 4ug; Detection:30695-1-AP 1:4000) with RAW 264.7 cells lysate 1400 ug.