

For Research Use Only

# GSDMD Polyclonal antibody

Catalog Number: 30695-1-AP

1 Publications



## Basic Information

Catalog Number:

30695-1-AP

Size:

750 ug/ml

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 $\beta$  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

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

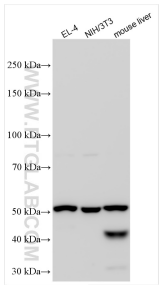
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

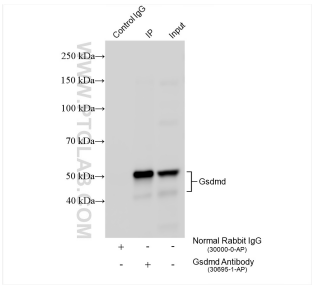
W: [ptgcn.com](http://ptgcn.com)

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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.