

For Research Use Only

GSDMD Polyclonal antibody

Catalog Number: 31942-1-AP



Basic Information

Catalog Number:

31942-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36922

GenBank Accession Number:

NM_026960.4

GeneID (NCBI):

69146

UNIPROT ID:

Q9D8T2

Full Name:

gasdermin D

Calculated MW:

53kDa, 487aa

Observed MW:

50-53 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : EL-4 cells, J774A.1 cells, NIH/3T3 cells, 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.

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:

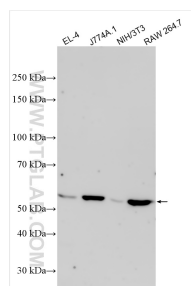
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31942-1-AP (Gsdmd antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.