

For Research Use Only

# GSDMA Polyclonal antibody

Catalog Number: 30354-1-AP



## Basic Information

<b>Catalog Number:</b> 30354-1-AP	<b>GenBank Accession Number:</b> BC109197	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 284110	<b>Recommended Dilutions:</b> WB 1:2000-1:14000
<b>Source:</b> Rabbit	<b>Full Name:</b> gasdermin A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 445 aa, 49 kDa	
<b>Immunogen Catalog Number:</b> AG31284	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : COLO 320 cells, Daudi cells, mouse stomach tissue, mouse skin tissue
<b>Species Specificity:</b> Human, mouse	

## Background Information

Gasdermins, a family of five pore-forming proteins (GSDMA-GSDME) in humans expressed predominantly in the skin, mucosa and immune sentinel cells, are key executioners of inflammatory cell death (pyroptosis), which recruits immune cells to infection sites and promotes protective immunity. GSDMA was predicted to enable phosphatidylinositol-4,5-bisphosphate binding activity, phosphatidylinositol-4-phosphate binding activity, and phosphatidylserine binding activity. Involved in apoptotic process.

## Storage

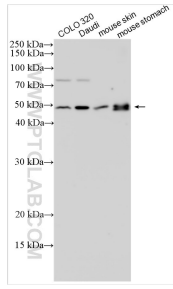
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30354-1-AP (GSDMA antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.