

For Research Use Only

Granzyme H Polyclonal antibody

Catalog Number: 17228-1-AP



Basic Information

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| Catalog Number: 17228-1-AP | GenBank Accession Number: BC027974 | Purification Method: Antigen affinity purification |
| Size: 500 µg/ml | GeneID (NCBI): 2999 | Recommended Dilutions: WB 1:500-1:3000 |
| Source: Rabbit | UNIPROT ID: P20718 | |
| Isotype: IgG | Full Name: granzyme H (cathepsin G-like 2, protein h-CCPX) | |
| Immunogen Catalog Number: AG11069 | Calculated MW: 246 aa, 27 kDa | |
| | Observed MW: ~30 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : NK-92 cells, |
| Species Specificity: human | |

Background Information

Granzyme H (GzmH) belongs to a family of 5 human serine proteases that are expressed by cytotoxic immune effector cells. It's regarded as an orphan granzyme with unknown biologic functions in immune defense cells. It's reported that this serine protease is predominantly expressed at high levels in natural killer (NK) cells and has chymotrypsin-like (chymase) activity. The calculated molecular weight is 27 kDa, 17228-1-AP can detect a band around 30 kDa. (PMID: 17409270)

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:

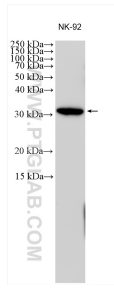
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



NK-92 cell lysates were subjected to SDS PAGE followed by western blot with 17228-1-AP (GZMH antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.