

For Research Use Only

Granzyme A Polyclonal antibody

Catalog Number:33796-1-AP



Basic Information

Catalog Number:

33796-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3026

GenBank Accession Number:

NM_010370.3

GeneID (NCBI):

14938

UNIPROT ID:

P11032-1

Full Name:

granzyme A

Calculated MW:

29 kDa

Observed MW:

30 kDa, 60kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse spleen tissue,

Background Information

Granzyme A (GrA, a tryptase) is necessary for target cell lysis in cell-mediated immune responses. It activates mitochondrial outer membrane permeabilization- and caspase-independent cell death pathways by cleaving the mitochondrial complex I component NDUFS3 after lys56. Among serine proteases GrA has a unique quaternary structure consisting of a disulphide-linked homodimer of 60kDa linked via Cys93.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

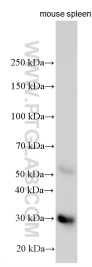
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33796-1-AP (Gzma antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.