

Granzyme A Polyclonal Antibody

Catalog number: 11288-1-AP

Size: 26 µg/150 µl

Source: Rabbit

Isotype: IgG

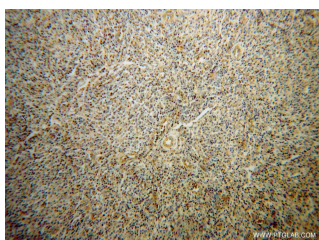
Synonyms:

GZMA; CTL tryptase, CTLA3,

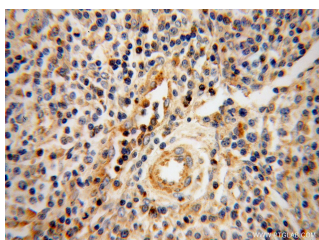
Fragmentin 1, Granzyme 1,

Granzyme A, GZMA, H factor,

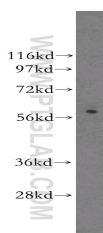
Hanukkah factor, HF, HFSP



Immunohistochemical of paraffin-embedded human lymphoma using 11288-1-AP (GZMA antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human lymphoma using 11288-1-AP (GZMA antibody) at dilution of 1:50 (under 40x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 11288-1-AP (GZMA antibody) at dilution of 1:600

Background

Granzyme A 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 NDUF53 after lys56. This protein has 2 isoforms produced by alternative promoter usage.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Chicken
Calculated Granzyme A MW:	29 kDa
Observed Granzyme A MW:	60kd
Positive WB detected in	Jurkat cells, mouse kidney tissue
Positive IHC detected in	Human lymphoma tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1818
GenBank accession number:	BC015739
Gene ID (NCBI):	3001
Full name:	Granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.