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Datasheet for ABIN768602

anti-Granzyme F/CCP4 antibody (AA 748-761)

Overview

Quantity:	100 µg
Target:	Granzyme F/CCP4 (GZMF)
Binding Specificity:	AA 748-761
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA

Product Details

Purpose:	CCP4 (aa748-761)
Immunogen:	Peptide with sequence C-RPYQVITARVHPGE, from the internal region of the protein sequence according to NP_689549.2.
Sequence:	RPYQVITARV HPGE
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	Granzyme F/CCP4 (GZMF)
Alternative Name:	CCP4 (GZMF Products)
Background:	AGBL1, ATP/GTP binding protein-like 1, FLJ32310, MGC149239, ATP/GTP-binding protein-like 1, OTTHUMP00000195714, cytosolic carboxypeptidase 4, CCP4
Molecular Weight:	100kDa and 24kDa
Gene ID:	123624, 244071, 308724
NCBI Accession:	NP_689549

Application Details

Application Notes:	Western Blot: Preliminary experiments gave bands at approx 100 kDa and 24 kDa in HeLa lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.