

Datasheet for ABIN7146933

anti-Caspase 1 antibody (AA 220-415)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Caspase 1 (CASP1)
Binding Specificity:	AA 220-415
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Caspase-10 protein (220-415AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	CASP1 (CASP1 Products)
Background:	Background: Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May

Target Details

participate in the granzyme B apoptotic pathways. Cleaves and activates caspase-3, -4, -6, -7, -8, and -9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp-I-AMC and Asp-Glu-Val-Asp-I-AMC.

Aliases: ALPS2 antibody, Apoptotic protease Mch-4 antibody, CASP 10 antibody, CASP-10 antibody, CASP10 antibody, CASPA_HUMAN antibody, Caspase 10 apoptosis related cysteine peptidase antibody, Caspase-10 antibody, Caspase-10 subunit p12 antibody, FADD like ICE2 antibody, Fas associated death domain protein antibody, FAS-associated death domain protein interleukin-1B-converting enzyme 2 antibody, FLICE 2 antibody, FLICE2 antibody, ICE like apoptotic protease 4 antibody, ICE-like apoptotic protease 4 antibody, Interleukin 1B converting enzyme 2 antibody, MCH 4 antibody

UniProt: [Q92851](#)

Pathways: [Apoptosis](#), [Interferon-gamma Pathway](#), [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

Application Details

Application Notes: Recommended dilution: IF:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

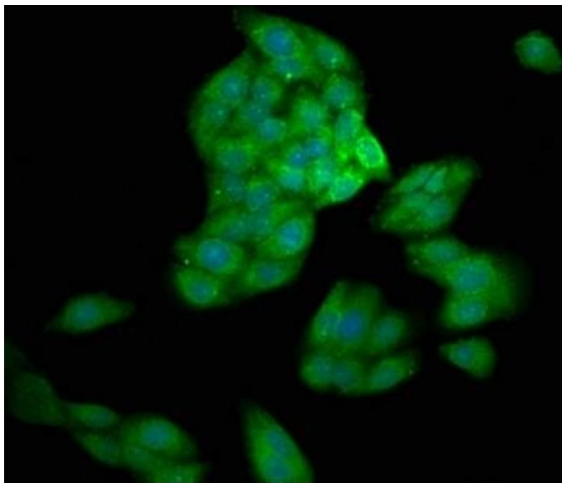
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7146933 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).