

Datasheet for ABIN1045366

anti-Caspase 1 antibody (AA 120-269) (FITC)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Caspase 1 (CASP1)
Binding Specificity:	AA 120-269
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 1 antibody is conjugated to FITC
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Caspase-1 protein (120-269AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	CASP1 (CASP1 Products)
Background:	Background: Thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Important for defense

Target Details

against pathogens. Cleaves and activates sterol regulatory element binding proteins (SREBPs).
Can also promote apoptosis.
Aliases: CASP-1 antibody, CASP1 antibody, CASP1_HUMAN antibody, Caspase 1 antibody, Caspase-1 subunit p10 antibody, ICE antibody, IL-1 beta-converting enzyme antibody, IL-1BC antibody, IL1 beta converting enzyme antibody, IL1B convertase antibody, Interleukin 1 beta convertase antibody, Interleukin 1B converting enzyme antibody, Interleukin-1 beta convertase antibody, Interleukin-1 beta-converting enzyme antibody, p45 antibody

UniProt:	P29466
Pathways:	Apoptosis , Interferon-gamma Pathway , Positive Regulation of Endopeptidase Activity , Inflammasome

Application Details

Application Notes:	Not yet tested in other applications. Optimal working dilutions should be determined experimentally by the investigator.
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.
Handling Advice:	Avoid freeze and thaw cycles. Product is photosensitive and should be protected from light.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.