Datasheet for ABIN200369

anti-Caspase 1 antibody (AA 225-242)

Go to Product page

Overview

Quantity:	100 µg
Target:	Caspase 1 (CASP1)
Binding Specificity:	AA 225-242
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide corresponding to aa 225-242 (KTSDSTFLVFMSHGIREG) of human caspase-1. Type of Immunogen: Synthetic peptide
Specificity:	Recognizes human, mouse and rat caspase-1. Detects bands of ~45kD (procaspase-1) and ~20kD (cleavage product) by Western blot.
Purification:	Immunoaffinity purified

Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	CASP1 / Caspase 1 (CASP1 Products)

Target Details

Background:	Name/Gene ID: CASP1 Subfamily: Cysteine C14 Family: Protease Synonyms: CASP1, Caspase-1, CASP-1, CASP1 nirs variant 1, Caspase 1, ICE, ICE-like protease, IL-1 beta-converting enzyme, IL-1BC, IL1BC, IL1BCE, p45, IL1B-convertase, Interleukin-1 beta convertase
Gene ID:	834
UniProt:	P29466
Pathways:	Apoptosis, Interferon-gamma Pathway, Positive Regulation of Endopeptidase Activity, Inflammasome

Application Details

Application Notes:	Approved: ICC (10 - 20 µg/mL), IP (4 - 8 µg/mL), WB (0.5 - 4 µg/mL) Usage: Suitable for use in Western Blot, Immunoprecipitation and Immunocytochemistry. Western Blot: 0.5-4 µg/mL. Immunocytochemistry:10-20 µg/mL. Immunoprecipitation: 4-8 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2, 0.5 % BSA, 0.01 % thimerosal, 30 % glycerol
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.