

Datasheet for ABIN2617919

anti-Caspase 1 antibody (AA 137-157)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Caspase 1 (CASP1)
Binding Specificity:	AA 137-157
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of mouse CASP1(137-157aa LEKAQKLWKENPSEIYPIMNT), different from the related rat sequence by three amino acids.
Isotype:	IgG
Specificity:	High level expression seen in spleen and lung, low level expression seen in brain, heart, liver, kidney, testis and skeletal muscle.
Purification:	Immunogen affinity 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
Pathways:	Apoptosis , Interferon-gamma Pathway , Positive Regulation of Endopeptidase Activity , Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.