

Datasheet for ABIN7384556
anti-Caspase 1 antibody



[Go to Product page](#)

Overview

Quantity:	20 µL
Target:	Caspase 1 (CASP1)
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to Zebrafish caspase-1 conjugated to keyhole limpet haemocyanin.
Isotype:	IgG
Purification:	Antigen Affinity Purification

Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	Caspase-1 (CASP1 Products)
Background:	CASP1,ICE,IL1BC,P45,caspase-1,Caspase 1,CASP1(caspase-1) is also named as IL1BC, IL1BCE and belongs to the peptidase C14A family. It is a cysteine protease that regulates inflammatory processes through its capacity to process and activate the interleukin-1-beta (IL1B), IL18, and IL33 precursor

Target Details

Molecular Weight:	Observed_MW: 20kDa,42kDa
	Calculated_MW: 45, 42, 35, 22, 20kDa
Gene ID:	57933
UniProt:	Q9I9L7
Pathways:	Apoptosis , Interferon-gamma Pathway , Positive Regulation of Endopeptidase Activity , Inflammasome

Application Details

Application Notes:	WB: 1:1000-2000, IP: 3 µg/sample, IF: 1:100-200
Restrictions:	For Research Use only

Handling

Concentration:	5 mg/mL
Buffer:	PBS with 0.1 % sodium azide, 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.