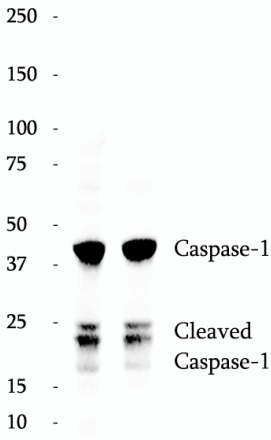


Data Sheet

Product Information

Catalog Number	BP60668
Product Name	Anti-Caspase 1 antibody
Description	<p>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 proteins. The active caspase-1 can increase cellular membrane permeability and intracellular calcium levels, which facilitates lysosome exocytosis and release of host antimicrobial factors and microbial products. It has 5 isoforms produced by alternative splicing. 22915-1-AP can recognize all the five isoforms of caspase 1. It also can recognize p45 procaspase and the mature fragments p10 and p20.</p>
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG
Molecular Weight	45-47 kDa, 30 kDa, 35 kDa
GenBank	BC062327
Uniprot	P29466
Concentration	530 µg/ml
Form	Liquid

Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	

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