

Datasheet for ABIN3028535

anti-Caspase 1 antibody (Large Subunit, N-Term)

3 Images



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Overview

Quantity:	100 µg
Target:	Caspase 1 (CASP1)
Binding Specificity:	Large Subunit, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human CASP1 (CSLEEAQRIWKQKSAEIY) was used as the immunogen for this Caspase-1 antibody. The sequence is from the large subunit.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	Caspase-1 (CASP1 Products)
Background:	Caspase-1 is a cysteine protease that regulates inflammatory processes through its capacity to process and activate the interleukin-1-beta, interleukin 18, and interleukin 33 precursor proteins. The Caspase-1 gene consists of 10 exons spanning at least 10.6 kb and is mapped to 11q23, a

Target Details

site frequently involved in rearrangement in human cancers, including a number of leukemias and lymphomas.

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

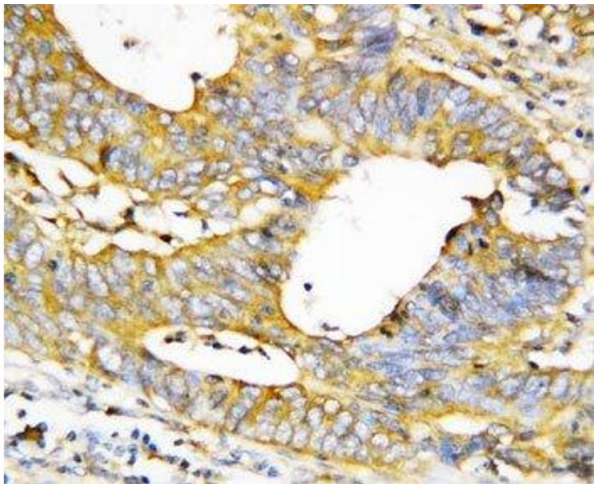
Application Details

Application Notes:	Titration of the Caspase-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

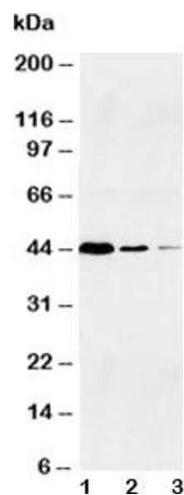
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	The lyophilized Caspase-1 antibody can be stored at 4°C. After reconstitution, aliquot and store at -20°C. Repeated freeze/thaw steps should be avoided.

Images



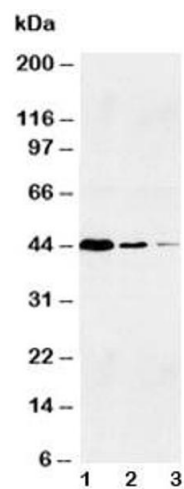
Immunohistochemistry

Image 1. IHC-P testing of human breast cancer tissue



Western Blotting

Image 2. Western blot testing of Caspase-1 antibody and
Lane 1: Jurkat; 2: Raji; 3: CEM



Western Blotting

Image 3. Western blot testing of Caspase-1 antibody and
Lane 1: Jurkat