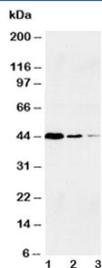


## Caspase-1 Antibody (p20 subunit) (R30510)

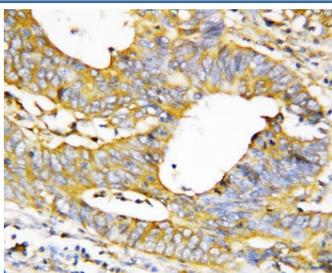
Catalog No.	Formulation	Size
R30510	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P29466
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This Caspase-1 antibody is available for research use only.



Western blot testing of human 1) Jurkat, 2) Raji and 3) CEM lysate with Caspase-1 antibody at 0.5ug/ml.



IHC-P testing of human breast cancer tissue

## Description

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

## Application Notes

Titration of the Caspase-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## 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.

## Storage

The lyophilized Caspase-1 antibody can be stored at 4oC. After reconstitution, aliquot and store at -20oC. Repeated freeze/thaw steps should be avoided.