

## Cleaved-Caspase-1 (D210) Polyclonal Antibody

Catalog No: #40499



Package Size: #40499-1 50ul #40499-2 100ul

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | Cleaved-Caspase-1 (D210) Polyclonal Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                       |
| Applications          | IHC;WB;IF;ELISA   |
| Species Reactivity    | Human;Mouse;Rat   |
| Specificity           | Cleaved-Caspase-1 (D210) Polyclonal Antibody detects endogenous levels of fragment of activated Caspase-1 protein resulting from cleavage adjacent to D210. |
| Immunogen Description | Synthesized peptide derived from the Internal region of human Caspase-1.  |
| Target Name           | Cleaved-Caspase-1   |
| Other Names           | CASP1; IL1BC; IL1BCE; Caspase-1; CASP-1; Interleukin-1 beta convertase; IL-1BC; Interleukin-1 beta-converting enzyme; ICE; IL-1 beta-converting enzyme; p45 |
| Accession No.         | Swiss-Prot: P29466NCBI Gene ID: 834   |
| SDS-PAGE MW           | 25+45kd   |
| Concentration         | 1mg/ml  |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Storage               | Store at -20°C/1 year   |

## Application Details

Western Blot: 1/500 - 1/2000.

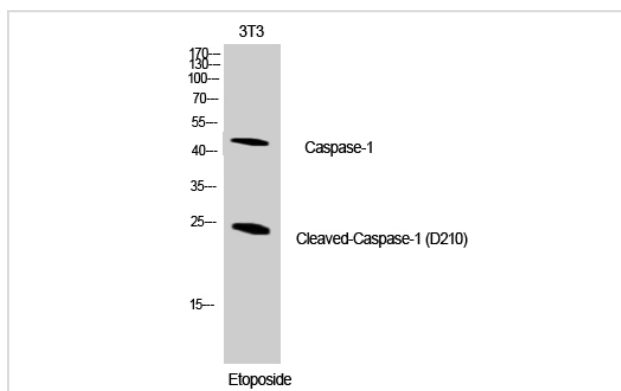
IF 1:50-300

Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/10000.

Not yet tested in other applications.

## Images



Western Blot analysis of NIH-3T3 cells using Cleaved-Caspase-1 (D210) Polyclonal Antibody

## Published Papers

el at., Activation of NLRP3 Inflammasome in Liver of Long Evans Lactating Rats and Its Perinatal Effects in the Offspring after Bisphenol F Exposure  
InInt J Mol SciOn 2023 Sep 15byBeatriz Linillos-Pradillo, Sergio D. Paredes et al..PMID:37762434, , (2023)

[PMID:37762434](#)

el at., Interventional Effects of the Topical of "Sanse Powder" Essential Oils Nanoemulsion on Knee Osteoarthritis in Rats by Targeting the  
ERS/TXNIP/NLRP3 Signaling Axis.In Front Pharmacol on 2021 Sep 2 by Zixiu Liu, Taiyang Liao, et al., , (2021)

[PMID:34539417](#)

el at., Interventional Effects of the Topical of "Sanse Powder" Essential Oils Nanoemulsion on Knee Osteoarthritis in Rats by Targeting the  
ERS/TXNIP/NLRP3 Signaling Axis.In Front Pharmacol on 2021 Sep 2 by Zixiu Liu, Taiyang Liao, et al..PMID: 34539417, , (2021)

[PMID:34539417](#)

el at., 5-(3,4-Difluorophenyl)-3-(6-methylpyridin-3-yl)-1,2,4-oxadiazole (DDO-7263), a novel Nrf2 activator targeting brain tissue, protects against  
MPTP-Induced subacute Parkinson's disease In mice by inhibiting the NLRP3 Inflammasome and protects PC12 cells against oxidative stress. In  
Free Radic Biol Med on 2019 Apr; by Xu LL, Wu YF,et al..PMID:30615919, , (2019)

[PMID:30615919](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.