

Cleaved-Caspase-1 (D210) Polyclonal Antibody

Catalog No: #40499

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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

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	WB IHC 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.
Conjugates	Unconjugated
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

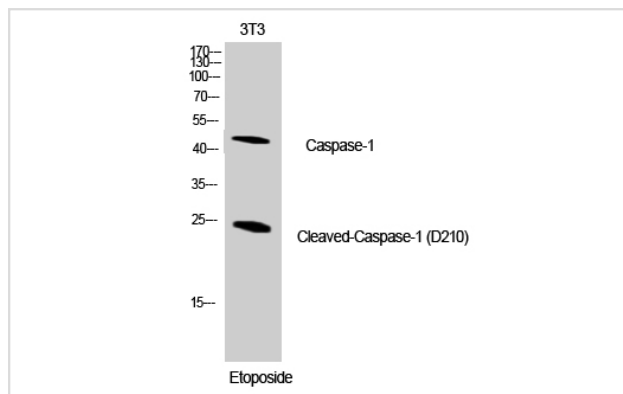
Western Blot: 1/500 - 1/2000.

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., 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](#)

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., Activation of NLRP3 Inflammasome in Liver of Long Evans Lactating Rats and Its Perinatal Effects in the Offspring after Bisphenol F Exposure In Int J Mol Sci On 2023 Sep 15 by Beatriz Linillos-Pradillo, Sergio D. Paredes et al.. PMID:37762434, , (2023)

[PMID:37762434](#)

Liu Wei; Cai Xin; Duan Shiyang; Shen Jihua; Wu Jiayuan; Zhou Zhengwei; Yu Kaili; He Caihong; Wang Yuqin et al., E3 ubiquitin ligase Smurf1 promotes cardiomyocyte pyroptosis by mediating ubiquitin-dependent degradation of TRIB2 in a rat model of heart failure, , (2025)

[PMID:](#)

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