Cleaved-Caspase-1 (D210) Polyclonal Antibody

Catalog No. E-AB-30002
Reactivity H
Applications WB, IHC-p, IF, ELISA

Storage Store at -20°C. Avoid freeze / thaw cycles.
Host Rabbit
Isotype IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images

Western Blot analysis of NIH-3T3 cells using Cleaved-Caspase-1 (D210) Polyclonal Antibody at dilution of 1:1000.


Immunogen Information

Immunogen Synthesized peptide derived from the Internal region of human Caspase-1
Swissprot P29466
Synonyms 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

Product Information

Calculated MW 45kDa
Observed MW 25kDa
Buffer PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Purify Affinity purification
Dilution WB 1:500-2000, IHC 1:50-300, IF 1:50-300

Background

Thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Important for defense against pathogens. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Can also promote apoptosis.

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