

Product Datasheet

Caspase-1 Antibody

Catalog No: DY1200

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP



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Information

UniProt ID: P29466

All Names: Former Catalog No. **CY10200**; CASP-1; ICE; IL-1 beta converting enzyme; IL-1BC; IL1BCE; caspase-1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 45,42,35,12,10kDa

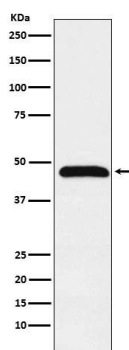
Application

WB 1:500~1:2000

IP 1:50

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.



Western blot analysis of Caspase-1 expression in NIH/3T3 cell lysate.

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