

Product Datasheet

Caspase-1 Antibody



Catalog No: CY5429

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB IHC

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Information

UniProt ID: P29466

All Names: CASP-1; EC 3.4.22.36; ICE; IL-1 beta converting enzyme; IL-1BC; IL1BCE; caspase-1; interleukin-1 beta convertase; interleukin-1 beta converting enzyme; p45;

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 kDa

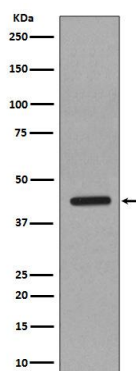
Application

WB: 1:500~1:2000

IHC: 1:50~1:200

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 in HeLa cell lysate.

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