

## Caspase 1 polyclonal antibody

Catalog: BZ16427

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 45 kDa; Observed MW: 45 kDa

**Swiss-Prot:**

P29466

**Purification&Purity:**

Affinity Purified

**Applications:**

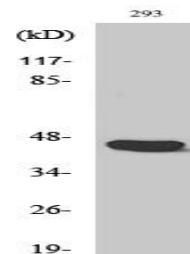
WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

**Storage&Stability:**

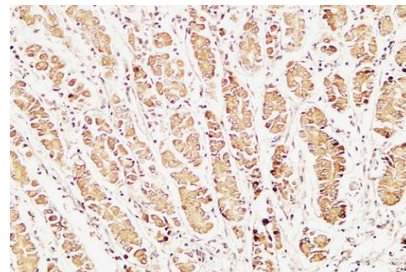
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of Caspase 1 in various lysates using Caspase 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human stomach using Caspase 1 antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval.

**Note:**

For research use only, not for use in diagnostic procedure.

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