

# Caspase-1 Polyclonal Antibody(Capture/Detector)

catalog number: AN000010P

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

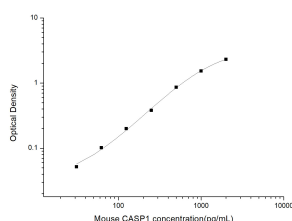
## Description

|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Mouse  |
| <b>Immunogen</b>    | Recombinant Mouse Caspase-1 protein expressed by E.coli            |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | Rabbit IgG   |
| <b>Purification</b> | Antigen Affinity Purification                                      |
| <b>Conjugation</b>  | Unconjugated   |
| <b>buffer</b>       | Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300. |

## Applications

|                       |               |
|-----------------------|---------------|
| <b>ELISA Capture</b>  | 2-8 µg/mL     |
| <b>ELISA Detector</b> | 0.1-0.4 µg/mL |

## Data



Sandwich ELISA-Recombinant Mouse Caspase-1 protein standard curve. Background subtracted standard curve using

Caspase-1 antibody(AN000010P)(Capture), Caspase-1 antibody(AN000010P)(Detector) in sandwich ELISA. The reference range value for Recombinant Mouse Caspase-1 protein is 31.25-2000 pg/mL.

## Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.       |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

## Background

Caspase-1, also known as interleukin-1-beta (IL-1beta) -converting enzyme (ICE), is a member of the cysteine-aspartic protease (caspase) family. The caspase family are aspartic proteolytic enzymes that play a key role in apoptotic cell death and inflammation.

## For Research Use Only