# Anti-CASP1 antibody (198-297) (STJ11102943)

STJ11102943

## GENERAL INFORMATION

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|---|---|
| **Product Type** | Primary antibodies |
| **Short Description** | |
| **Applications** | WB/IF/ICC/ELISA |
| **Host/Source** | Rabbit |
| **Reactivity** | Human/Mouse/Rat |

## PRODUCT PROPERTIES

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|---|---|
| **Clonality** | Polyclonal |
| **Clone ID** | |
| **Concentration** | Lot specific |
| **Conjugation** | Unconjugated |
| **Purification** | Affinity purification |
| **Dilution Range** | WB:1:500-1:1000<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| **Formulation** | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3. |
| **Isotype** | IgG |
| **Storage Instruction** | Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

## TARGET INFORMATION

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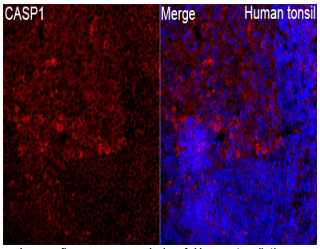
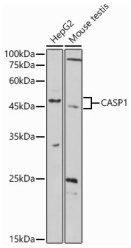
|---|---|
| **Gene ID** | 834 |
| **Gene Symbol** | CASP1 |
| **Uniprot ID** | CASP1_HUMAN |
| **Immunogen** | |
| **Immunogen Region** | 198-297 |
| **Specificity** | A synthetic peptide corresponding to a sequence within amino acids 198-297 of human CASP1 (NP_150634.1). |
| **Immunogen Sequence** | YSVDVKKNLTASDMTTELEA FAHRPEHKTSDSTFLVFMSH GIREGICGKKHSEQVPDILQ LNAIFNMLNTKNCPSLKDKP KVIIIQACRGDSPGVVWFKD |




Immunofluorescence analysis of Human tonsil tissue using CASP1 Rabbit polyclonal antibody (STJ11102943) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to IF staining.




Western blot analysis of various lysates using CASP1 Rabbit polyclonal antibody (STJ11102943) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.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