

Anti-CASP1 antibody (120-297) (STJ119181)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

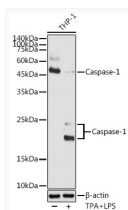
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 45kDa Observed Mw: 48kDa/20-25kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

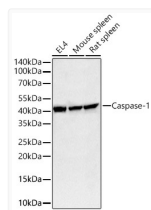
Gene ID	834
Gene Symbol	CASP1
UniProt ID	CASP1_HUMAN
Immunogen Region	120-297
Immunogen Sequence	NPAMPTSSGSEGNVKLCSLE EAQRIWKQKSAEIYPIMDKS SRTRLALICNEEFDSIPRR TGAEDVITGMTLLQNLGYS VDVKNLTASDMTTELEAFA HRPEHKTSDSTFLVFMHGI REGICGKKHSEQVPDILQLN AIFNMLNTKNCPSLKDCKPKV IIIQACRGDSPGVVWFKD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 120-297 of human Caspase-1 (NP_150634.1).

ADDITIONAL INFORMATION

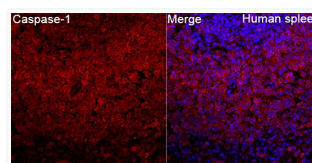
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using Caspase-1 Rabbit pAb (STJ119181) at 1:1000 dilution incubated overnight at 4 °C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



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Immunofluorescence analysis of Human spleen tissue using Caspase-1 Rabbit pAb (STJ119181) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) 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.