Anti-CASP1 antibody (1-311) (STJ22893)

STJ22893

GENERAL INFORMATION

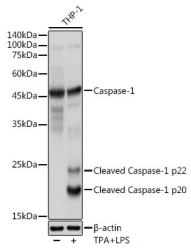
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Caspase-1 (1-311) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunoprecipitation.
Applications	WB, IHC, IF, IP
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

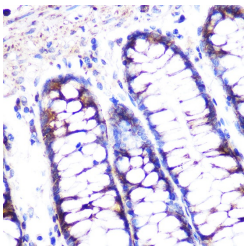
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200 IP 1:50-1:100
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at-20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

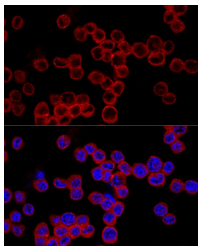
Gene ID	834
Gene Symbol	CASP1
Uniprot ID	CASP1_HUMAN
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-311 of human Caspase-1 (NP_150635.1).
Immunogen Region	1-311
Specificity	
Immunogen Sequence	



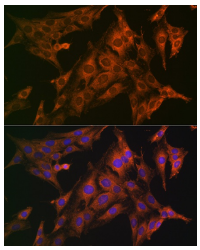
Western blot analysis of extracts of THP-1 cells, using Caspase-1 antibody (STJ22893) at 1:1000 dilution. THP-1 cells were treated by PMA/TPA (80 nM) at 37 °C for overnight and LPS (1 Mu g/ml) at 37 °C for 6 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 2s.



Immunohistochemistry of paraffin-embedded human colon using Caspase-1 rabbit polyclonal antibody (STJ22893) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.



Confocal immunofluorescence analysis of Raw264. 7 cells using Caspase-1 Polyclonal Antibody (STJ22893) at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using Caspase-1 rabbit polyclonal antibody (STJ22893) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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