

Anti-Casp7 antibody (150-250) (STJ22904)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

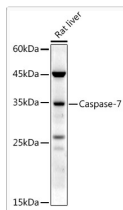
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 34kDa Observed Mw: 35kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

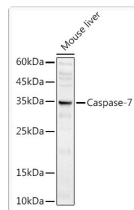
Gene ID	840
Gene Symbol	CASP7
UniProt ID	CASP7_HUMAN
Immunogen Region	150-250
Immunogen Sequence	IYGKDGVTPIKDLTAHFRGD RCKTLLEKPKLFFIQACRG T ELDDGIQADSGPINDTDANP RYKIPVEADFLFAYSTVPGY YSWRSPGRGSWFVQALCSIL E
Specificity	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human Caspase-7 (NP_001218.1).

ADDITIONAL INFORMATION

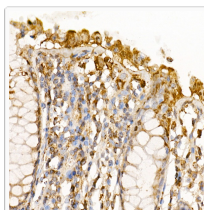
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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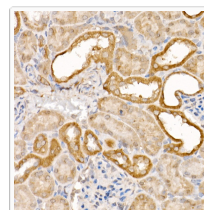
Western blot analysis of extracts of Rat liver, using Caspase-7 antibody (STJ22904) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



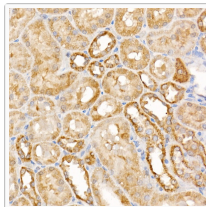
Western blot analysis of extracts of mouse liver, using Caspase-7 antibody (STJ22904) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



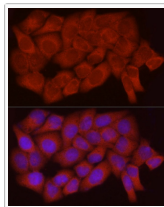
Immunohistochemistry analysis of paraffin-embedded human colon using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



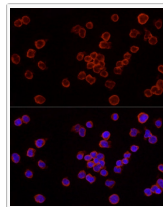
Immunohistochemistry analysis of paraffin-embedded mouse kidney using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



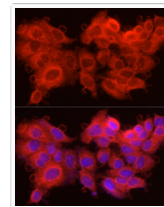
Immunohistochemistry analysis of paraffin-embedded rat kidney using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



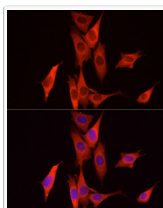
Immunofluorescence analysis of HeLa cells using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



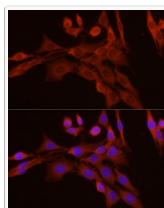
Immunofluorescence analysis of Jurkat cells using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF7 cells using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Caspase-7 rabbit polyclonal antibody (STJ22904) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.