

Anti-CASP3 antibody (176-277) [S3MR] (STJ11101753)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

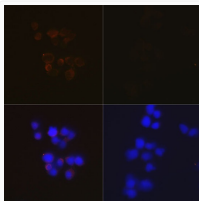
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 IF/ICC:1:50-1:200
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 32kDa Observed Mw: 12kDa/30kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

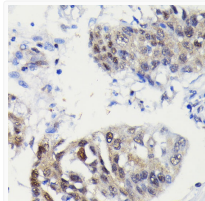
Gene ID	836
Gene Symbol	CASP3
UniProt ID	CASP3_HUMAN
Immunogen Region	176-277
Immunogen Sequence	SGVDDDMACHKIPVEADFLY AYSTAPGYYSWRNSKDGSWF IQSLCAMLKQYADKLEFMHI LTRVNRKVATEFESFSFDAT FHAKKQIPICVSMMLTKELYF YH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 176-277 of human Caspase-3 (NP_004337.2).

ADDITIONAL INFORMATION

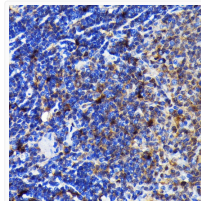
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



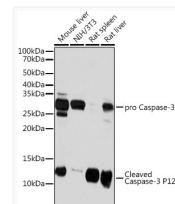
Immunofluorescence analysis of HeLa cells using Caspase-3 p12 antibody (STJ11101753). HeLa cells were treated by Etoposide (25 uM) at 37 °C for 5 hours. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using Caspase-3 p12 antibody (STJ11101753) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat spleen using Caspase-3 p12 antibody (STJ11101753) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using Caspase-3 p12 antibody (STJ11101753) 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: 3min.