

Anti-CASP3 antibody (55-277) (STJ22900) STJ22900

GENERAL INFORMATION

| | |
|--------------------------|-----------------------|
| Product Type | Primary antibodies |
| Short Description | WB/IHC-P/IF/ICC/ELISA |
| Applications | WB/IHC-P/IF/ICC/ELISA |
| Host/Source | Rabbit |

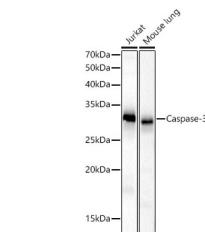
Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

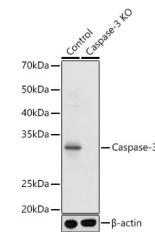
| | |
|-----------------------|---|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 |
| ELISA | ELISA: Recommended starting concentration is 1 μ M g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Storage | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |
| Instruction | |

TARGET INFORMATION

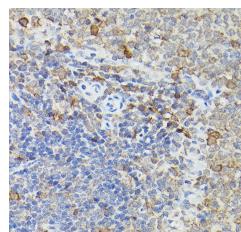
| | |
|---------------------------|--|
| Gene ID | 836 |
| Gene Symbol | CASP3 |
| Uniprot ID | CASP3_HUMAN |
| Immunogen | |
| Immunogen Region | 55-277 |
| Specificity | Recombinant fusion protein containing a sequence corresponding to amino acids 55-160 of human Caspase-3 (NP_004337.2). |
| Immunogen Sequence | FKSTGMTSRSGTVDVDAANL RETFRNLKYEVRNKNDLRE EIVELMRDVSKEDHSKRSSF CVVLLSHGEEGIIFGTNGPV |



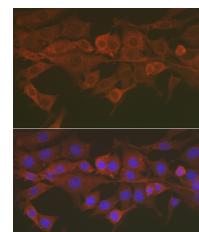
Western blot analysis of various lysates using [KO Validated] Caspase-3 rabbit polyclonal antibody (STJ22900) at 1:2000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJ000855) at 1:10000 dilution. Lanes: protein: 25 μ M g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime: 10s.



Western blot analysis of extracts from normal (control) and Caspase-3 knockout (KO) 293T cells, using Caspase-3 antibody (STJ22900) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJ000856) at 1:10000 dilution. Lanes: protein: 25 μ M g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposuretime: 1s.



Immunohistochemistry analysis of paraffin-embedded rat spleen using [KO Validated] Caspase-3 rabbit polyclonal antibody (STJ22900) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Caspase-3 rabbit polyclonal antibody (STJ22900) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.