

## Anti-Caspase 3 antibody (Internal) (STJ70944)

STJ70944

### GENERAL INFORMATION

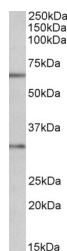
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Caspase 3 (Internal) is suitable for use in ELISA, Western Blot, Immunofluorescence and Immunocytochemistry research applications.
<b>Applications</b>	Pep-ELISA/WB/IF/ICC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse/Rat/Dog

### PRODUCT PROPERTIES

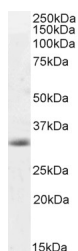
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 32kDa band observed in lysates of cell line MOLT4 and in Mouse Liver lysates (calculated MW of 31.6kDa according to Human NP_004337.2 and 31.4kDa according to Mouse NP_033940.1).
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

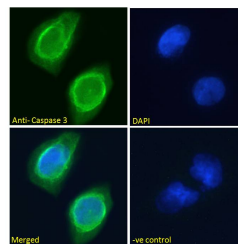
<b>Gene ID</b>	836
<b>Gene Symbol</b>	CASP3
<b>Uniprot ID</b>	CASP3_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	This antibody is expected to recognise both reported isoforms (NP_004337.2 and NP_116786.1).
<b>Immunogen Sequence</b>	RDVSKEDHSKRS



STJ70944 (1 µg/ml) staining of MOLT4 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



STJ70944 (0.5 µg/ml) staining of Mouse Liver lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70944 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation thr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml) showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).

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.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081