

Anti-CASP3 antibody (29-175) [S9MR] (STJ11101749)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

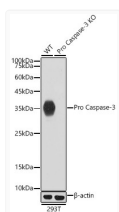
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 32kDa Observed Mw: 17kDa/32kDa/35kDa/17kDa/32kDa/32kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

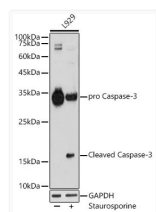
Gene ID	836
Gene Symbol	CASP3
UniProt ID	CASP3_HUMAN
Immunogen Region	29-175
Immunogen Sequence	SGISLDNSYKMDYPEMGLCI IINNKNFHKSTGMTSRSGTD VDAANLRETFRNLYKEVRNK NDLTREEIVELMRDYSKEDH SKRSSFVCVLLSHGEEGIIF GTNGPVDLKKITNFFRGDRC RSLTGPKPLFIQACRGTEL DCGIETD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 29-175 of human Caspase-3 (P42574).

ADDITIONAL INFORMATION

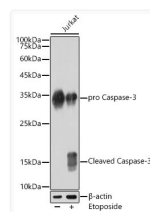
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



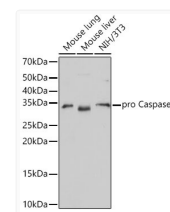
Western blot analysis of lysates from wild type (WT) and active + pro Caspase-3 knockout (KO) 293T cells, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from L929 cells, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) at 1:1000 dilution. L929 cells were treated by staurosporine (1 uM) for 3 hour. 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: 180s.



Western blot analysis of lysates from Jurkat cells, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) at 1:1000 dilution. Jurkat cells were treated by Etoposide (25 uM) at 37 °C for 5 hours. 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: 90s.



Western blot analysis of various lysates, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) 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.