

T40044

Caspase 3 Antibody



100µl;50µl

Order	021-34695924 orders@ab-mart.com
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Background:

Caspase-3 is a caspase protein that is encoded by the CASP3 gene. The CASP3 protein is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspase-3 has been found to be necessary for normal brain development as well as its typical role in apoptosis, where it is responsible for chromatin condensation and DNA fragmentation. Elevated levels of a fragment of Caspase-3, p17, in the bloodstream is a sign of a recent myocardial infarction. It is now being shown that caspase-3 may play a role in embryonic and hematopoietic stem cell differentiation.

Gene Symbol : Caspase-3

Alternative Names:

CASP-3, Apopain, Cysteine protease CPP32,
CPP-32, Protein Yama, SREBP cleavage activity 1, SCA-1, CPP32

Caspase3

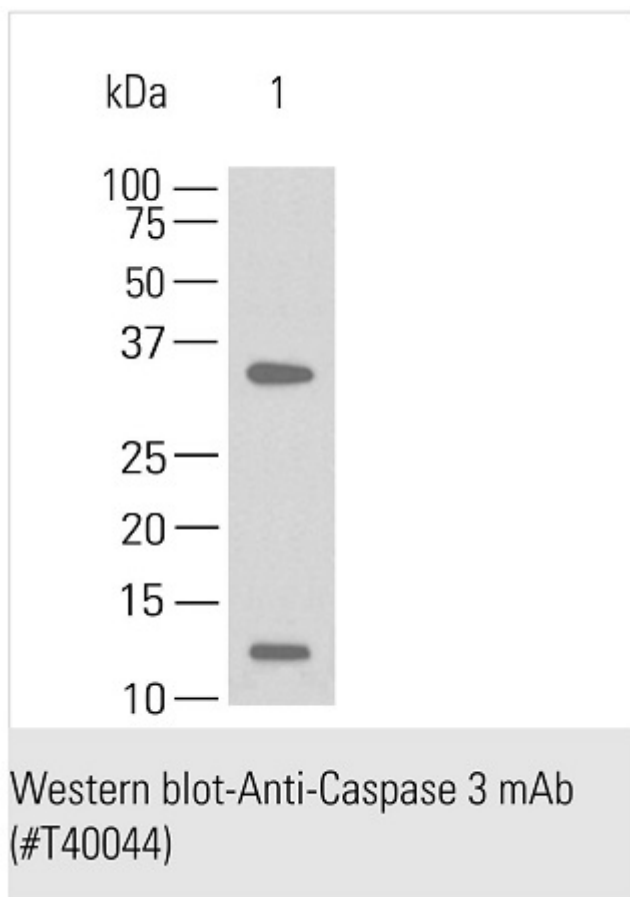
Uniprot : P42574

Uniprot link:

<https://www.uniprot.org/uniprotkb/p42574>

Application

W
B



All lanes : Caspase 3 mAb

Lane 1 : HeLa cell treated with staurosporine lysate

Secondary

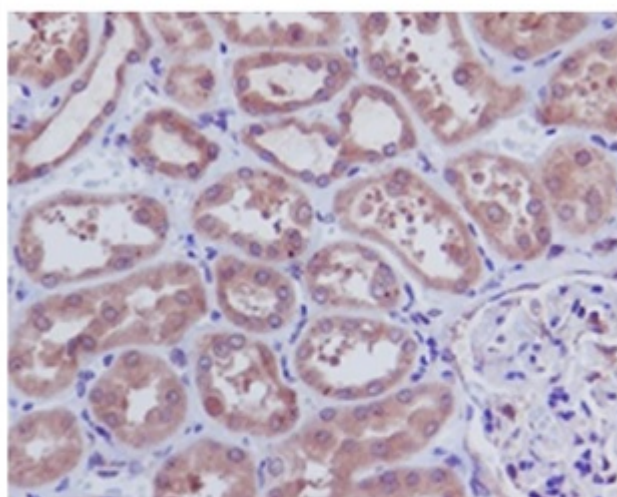
Goat Anti-Rabbit IgG-HRP, 5% milk conjugated at 1/10000

Predicted band size : 32 kDa

Observed band size : 32 kDa

Blocking/Dilution buffer : 1% BSA

IH
C



Immunohistochemistry-Anti-Caspase 3 mAb (#T40044)

Immunohistochemical analysis of paraffin-embedded human tissue using Caspase 3 mAb

IF

IP

Mol Weight : 12,29,32kDa

Source:

This Abmart monoclonal antibody is produced by immunizing animals with a polypeptide (Abmart SEAL mAb technology) corresponding to Caspase 3 protein.

Isotype : Rabbit IgG

Reactivity : Human Mouse Rat

Recommended Dilutions:

WB 1:500~1:1000 IHC 1:100~1:500 ICC/IF 1:50~1:200

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

RRID : AB_2936280