

# Active CASP3 Monoclonal Antibody

Catalog Number:E-AB-22115

7 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

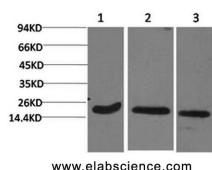
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Protein
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	Clone:5A2
<b>Purification</b>	Protein A purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

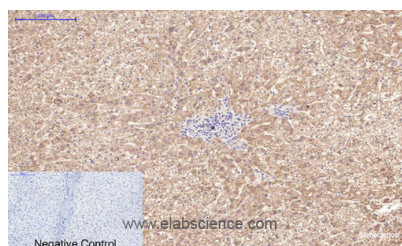
## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:100-1:200
<b>IF</b>	1:100-1:200

## Data



Western Blot analysis of 1) Hela, 2) 3T3, 3) Rat brain with Active CASP3 Monoclonal Antibody  
**Observed Mw:17kDa**



Immunohistochemistry of paraffin-embedded Human liver tissue using Active CASP3 Monoclonal Antibody at dilution of 1:200.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin.

## For Research Use Only

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Toll-free: 1-888-852-8623

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Fax: 1-832-243-6017