

**Product Name: Caspase 7 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03163**



## Summary

<b>Production Name</b>	Caspase 7 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	CASP7
<b>Alternative Names</b>	MCH3; CMH-1; LICE2; CASP-7; ICE-LAP3
<b>Gene ID</b>	840
<b>SwissProt ID</b>	P55210.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 34 kDa; Observed MW: 34 kDa

## Background

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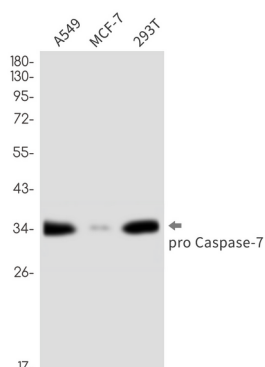


Belongs to the peptidase C14A family. Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp--Gly-217' bond. Overexpression promotes programmed cell death.

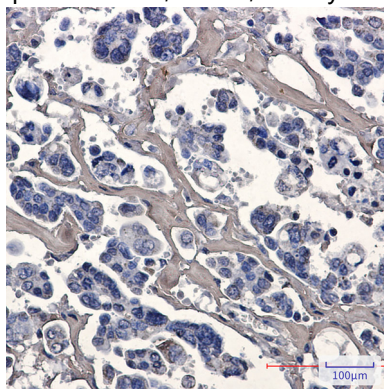
## Research Area

Cell Biology

## Image Data



Western blot analysis of Caspase7 in A549, MCF-7, 293T lysates using Caspase 7 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using pro Caspase7 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.