

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

Antigen Information

Gene Name	CASP7
Alternative Names	MCH3; CMH-1; LICE2; CASP-7; ICE-LAP3
Gene ID	840
SwissProt ID	P55210
Immunogen	A synthetic peptide of human pro Caspase-7

Background

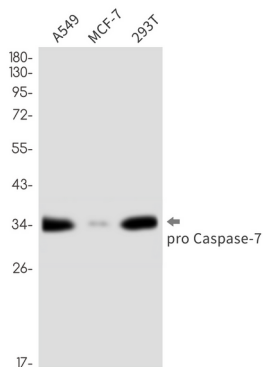
Belongs to the peptidase C14A family. Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Proteolytically cleaves poly(ADP-ribose) polymerase

(PARP) at a '216-Asp--Gly-217' bond. Overexpression promotes programmed cell death.

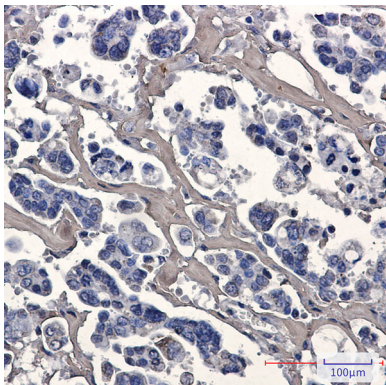
Research Area

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.