

Recombinant Caspase-7 Monoclonal Antibody

catalog number: **AN301874L**

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

Description

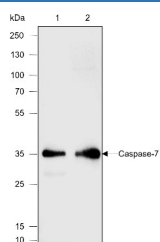
Reactivity	Rat;Mouse
Immunogen	Recombinant human Caspase-7 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C421496
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
IHC	1:200-1:1000

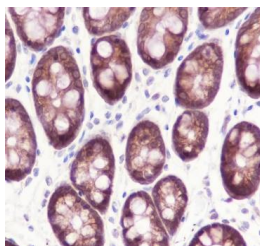
Data



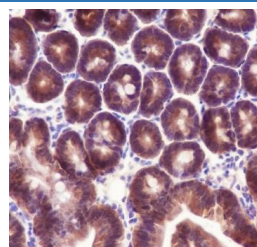
Western Blot with Caspase-7 Monoclonal Antibody at dilution of 1:1000. Lane 1: Mouse spleen, Lane 2: Rat spleen

Observed-MW:34 kDa

Calculated-MW:34 kDa



Immunohistochemistry of paraffin-embedded Rat colon using Caspase-7 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse colon using Caspase-7 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.2

Caspase-7, also named as CMH-1, Mch3 and ICE-LAP3, has been identified as a major contributor to the execution of apoptosis. Caspase-7, like caspase-3, is an effector caspase that is responsible for cleaving downstream substrates such as ADP-ribose polymerase and PARP. During apoptosis, caspase-7 is activated through proteolytic processing by upstream caspases at Asp23, Asp198, and Asp206 to produce the mature subunits. Similar to caspase-2 and -3, caspase-7 preferentially cleaves substrates following the recognition sequence DEVD.