

Datasheet for ABIN3030315

anti-Caspase 7 antibody (AA 237-255)

3 Images

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Overview

Quantity:	100 µg
Target:	Caspase 7 (CASP7)
Binding Specificity:	AA 237-255
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 237-255 (RGSWFVQALCSILEEHGKD-human) were used as the immunogen for this Caspase-7 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Caspase 7 (CASP7)
Alternative Name:	Caspase-7 (CASP7 Products)
Background:	Caspase-7 is a human protein encoded by the CASP7 gene. Orthologs have been identified in nearly all mammals for which complete genome data are available. CASP7 is a member of the cysteine aspartate protease family of proteins, and has been shown to be an executioner

Target Details

protein of apoptosis. Using radiation hybrid mapping, the CASP7 gene was localized to human chromosome 10q25.1-q25.2. The orderly activation of the protein regulates microglia activation through a protein kinase C-delta (PRKCD)-dependent pathway.

UniProt: [P55210](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the Caspase-7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

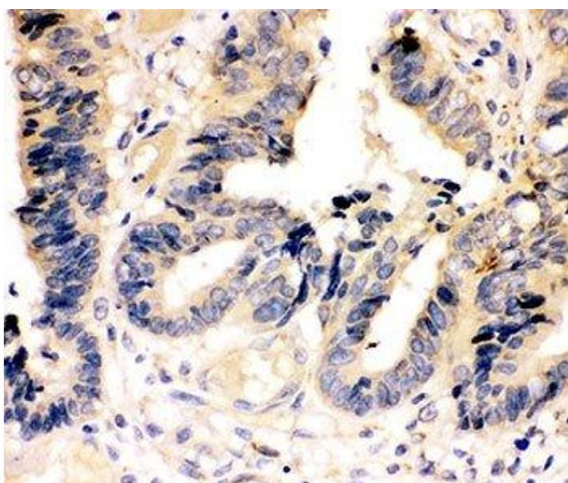
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

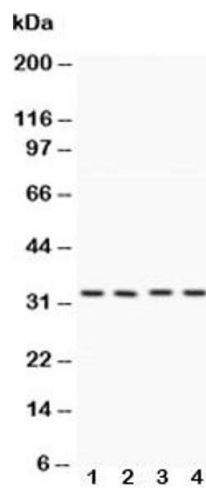
Storage Comment: After reconstitution, the Caspase-7 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



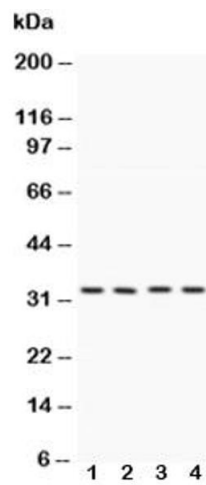
Immunohistochemistry

Image 1. IHC-P: Caspase-7 antibody testing of human intestinal cancer tissue



Western Blotting

Image 2. Western blot testing of Caspase-7 antibody and
Lane 1: HeLa; 2: MCF-7; 3: rat liver; 4: rat kidney



Western Blotting

Image 3. Western blot testing of Caspase-7 antibody and
Lane 1: HeLa