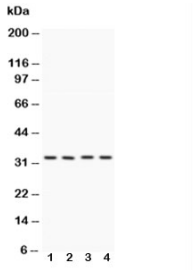
Caspase-7 Antibody (R30514)

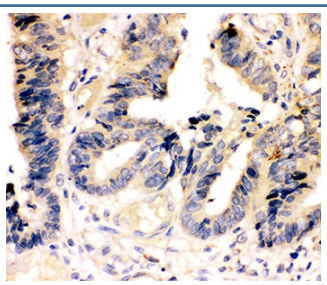
Catalog No.	Formulation	Size
R30514	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P55210
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This Caspase-7 antibody is available for research use only.



Western blot testing of Caspase-7 antibody and Lane 1: HeLa; 2: MCF-7; 3: rat liver; 4: rat kidney lysate. Expected/observed molecular weight ~34 kDa (full length).



IHC-P: Caspase-7 antibody testing of human intestinal cancer tissue. HIER: steamed with pH6 citrate buffer.

Description

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 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.

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.

Immunogen

Amino acids 237-255 (RGSWFVQALCSILEEHGKD-human) were used as the immunogen for this Caspase-7 antibody.

Storage

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

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