

## Product Datasheet

# pro Caspase 7 Antibody

Catalog No: CY5843

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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### Information

**UniProt ID:** P55210

**All Names:** apoptosis-related cysteine peptidase; Apoptotic protease Mch-3; CASP-7; Caspase-7 subunit p11; CMH-1; ICE-LAP3; ICE-like apoptotic protease 3;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 34 kDa

### Application

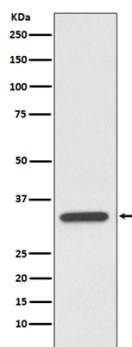
WB 1:500~1:1000

IHC 1:50~1:200

ICC/IF 1:50~1:200

### 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.



Western blot analysis of pro Caspase 7 expression in Jurkat cell lysate.

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