

Product Datasheet

Caspase-6 Antibody



Catalog No: CY5845

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC

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Information

UniProt ID: P55212

All Names: Caspase-6; Caspase6; Caspase 6; CASP-6; poptotic protease Mch-2; Caspase-6 subunit p18; Caspase-6 subunit p11; CASP6; MCH2;

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 1:5000~1:20000

IHC 1:50~1:200

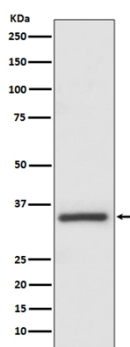
ICC/IF 1:50~1:200

IP 1:50

FC 1:500

Background

Caspase-6 (Mch2) is one of the major executioner caspases functioning in cellular apoptotic processes. Upon apoptotic stimulation, initiator caspases such as caspase-9 are cleaved and activated. The activated upstream caspases further process downstream executioner caspases, such as caspase-3 and caspase-6, by cleaving them into large and small subunits, thereby initiating a caspase cascade leading to apoptosis. One of the major targets for caspase-6 is the membrane associated protein lamin A. The cleavage of this protein causes cell membrane malfunction, membrane blebbing and eventual cell death.



Western blot analysis of Caspase-6 expression in MCF-7 cell lysate.

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