

CASP6

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 22kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CASP6

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

MCH2; CASP6; Caspase-6;

Catalog #: A1784

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 839

Isotype: IgG

Swiss Prot: P55212

Purity: Affinity purification

For research use only.

Background:

Caspase-6 (Mch2) is one of the major executioner caspases functioning in cellular apoptotic processes (1,2). Upon apoptotic stimulation, initiator caspases such as caspase-9 are cleaved and activated (3). 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 (4,5). One of the major targets for caspase-6 is the membrane associated protein lamin A (6). The cleavage of this protein causes cell membrane malfunction, membrane blebbing and eventual cell death.

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