

CAPN2

Reactivity:Human

Tested applications:WB IHC FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100 FC1:20 - 1:50

Calculated MW:80kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human CAPN2

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CANP2; CANPL2; CANPml; FLJ39928; mCANP

Catalog #:A0900

Antibody Type:

Monoclonal Antibody

Species:Mouse

Gene ID:824

Isotype:IgG

Swiss Prot:P17655

Purity:Affinity purification

For research use only.

Background:

CAPN2(Calpain-2 catalytic subunit) is also named as CANPL2, CANPml, mCANP, FLJ39928 and belongs to the peptidase C2 family. N-terminal sequencing of CAPN2 purified from human liver indicates that the N-terminal methionine is removed, resulting in a mature 699-amino acid subunit with a calculated molecular mass of 79.9 kD(PMID:2852952). It is a calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodelling and signal transduction. It has 2 isoforms produced by alternative splicing with the molecular weight of 80 kDa and 71 kDa. This antibody is specific to CAPN2.

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