

CAPN2

Reactivity: Human

Tested applications: WB IHC FC

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