

CAPN2

Reactivity: Human Mouse Rat

Tested applications: WB IHC

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

Calculated MW: 80kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CAPN2

Storage Buffer:

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

Synonym:

CANP2; mCANP; CANPL2; CANPml;

Catalog #: A1861

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 824

Isotype: IgG

Swiss Prot: P17655

Purity: Affinity purification

For research use only.

Background:

The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene.

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