

## CAPN2

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**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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