

Antibody Data

Product SKU:	CAB1861	Observed MW	80kDa
Applications:	WB; IF	Calculated MW	71kDa/79kDa
Reactivity:	Human, Mouse, Rat		

Immunogen Information:

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 350-680 of human CAPN2 (NP_001739.2).

Gene ID: 824

Swiss Prot: P17655

Synonyms: CAPN2; CANP2; CANPL2; CANPml; mCANP; calpain 2

Product Information:

Source: Rabbit

Isotype: IgG

Purification Method: Affinity purification

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

Recommended Dilution: WB 1:500 - 1:2000; IF 1:50 - 1:200

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. 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.

Images:

