

[KO Validated] CAPN2 Polyclonal Antibody

Catalog No.	A1861	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	80kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	71kDa/79kDa

Immunogen Information

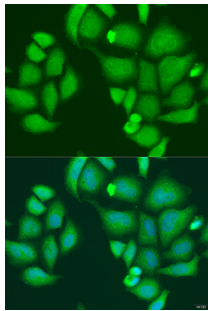
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 350-680 of human CAPN2 (NP_001739.2).
Gene ID	824
Swiss prot	P17655
Synonyms	CAPN2; CANP2; CANPL2; CANPml; mCANP; calpain 2

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.

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.

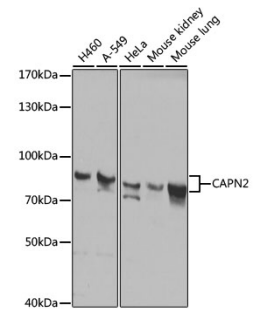


Immunofluorescence - [KO Validated]
CAPN2 Polyclonal Antibody (A1861)

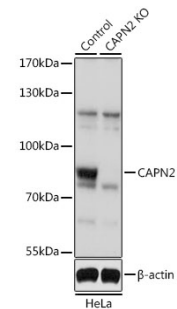
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - [KO Validated] CAPN2
Polyclonal Antibody (A1861)



Western blot - [KO Validated] CAPN2
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