CAPN2 Polyclonal Antibody

Catalog No. E-AB-62023

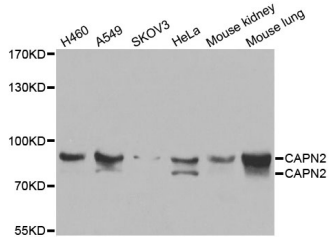
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

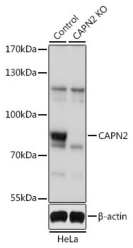
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human CAPN2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western blot analysis of extracts of various cell lines with CAPN2 Polyclonal Antibody
Observed Mw:80kDa
Calculated Mw:71kDa/79kDa



Western blot analysis of extracts from normal (control) and CAPN2 knockout (KO) 293T cells, using CAPN2 Polyclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

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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