A0900

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Calpain 2 Mouse mAb

Catalog No.: A0900 1 Publications

Basic Information

Observed MW
85kDa

Calculated MW
80kDa

Category
Monoclonal Antibody

Applications
WB,IHC-P,FC,ELISA

Cross-Reactivity
Human

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
FC	1:20 - 1:50
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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Immunogen Information

Gene ID
824

Swiss Prot
P17655

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CANP2; mCANP; CANPL2; CANPml; Calpain 2

Product Information

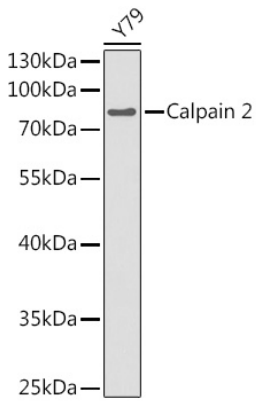
Source
Mouse

Isotype
IgG

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of lysates from Y79 cells, using Calpain 2 Mouse mAb (A0900).
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.