

CAPN2 / Calpain 2 / M-Calpain Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17161**Specification**

CAPN2 / Calpain 2 / M-Calpain Antibody - Product Information

Application	IHC-P
Primary Accession	P17655
Other Accession	824
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	79995

CAPN2 / Calpain 2 / M-Calpain Antibody - Additional Information**Gene ID** 824**Other Names**

CAPN2, Calpain 2, large subunit, Calpain ii, Calpain, large polypeptide L2, Calpain-2 catalytic subunit, Calpain 2, Calpain large polypeptide L2, Calpain-2 large subunit, CANP 2, Calpain M-type, CANP2, CANPL2, CANPml, M-type calpain, M-calpain, MCANP ...

Target/Specificity

Human CAPN2 / Calpain 2 / M-Calpain

Reconstitution & Storage

PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

CAPN2 / Calpain 2 / M-Calpain Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CAPN2 / Calpain 2 / M-Calpain Antibody - Protein Information**Name** CAPN2**Synonyms** CANPL2**Function**

Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226' (PubMed: <http://www.uniprot.org/citations/17650508> target="_blank">17650508). Proteolytically cleaves CPEB3 following neuronal stimulation which abolishes CPEB3 translational repressor activity, leading to translation of CPEB3 target mRNAs (By similarity).

Cellular Location

Cytoplasm. Cell membrane. Note=Translocates to the plasma membrane upon Ca(2+) binding

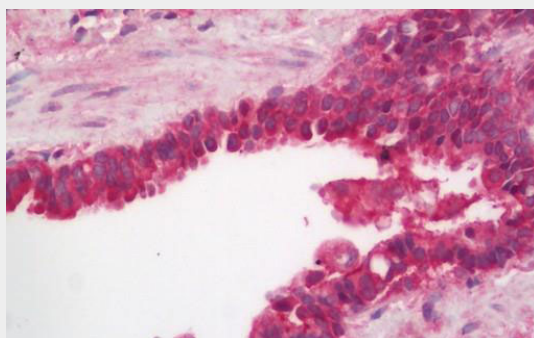
Tissue Location

Ubiquitous.

CAPN2 / Calpain 2 / M-Calpain Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CAPN2 / Calpain 2 / M-Calpain Antibody - Images

Human Lung: Formalin-Fixed, Paraffin-Embedded (FFPE)

CAPN2 / Calpain 2 / M-Calpain Antibody - Background

Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226' (PubMed:17650508).

CAPN2 / Calpain 2 / M-Calpain Antibody - References

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