

**Calpain 2 Rabbit mAb**  
Catalog # AP77186**Specification**

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**Calpain 2 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P17655</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	79995

**Calpain 2 Rabbit mAb - Additional Information****Gene ID** 824**Other Names**  
CAPN2**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**Calpain 2 Rabbit mAb - 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</a>). 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.

**Calpain 2 Rabbit mAb - 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](#)

### Calpain 2 Rabbit mAb - Images

