

CAPN2 rabbit monoclonal antibody

Catalog # H00000824-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CAPN2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CAPN2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CAPN2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CAPN2

Entrez GeneID	824
GeneBank Accession#	CAPN2
Gene Name	CAPN2
Gene Alias	CANP2, CANPL2, CANPml, FLJ39928, mCANP
Gene Description	calpain 2, (m//l) large subunit
Omim ID	114230
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	M-calpain OTTHUMP00000035497 calcium-activated neutral proteinase calpain 2, large [catalytic] subunit calpain 2, large subunit calpain M-type calpain, large polypeptide L2 millimolar-calpain

Pathway

- [Apoptosis](#)
- [Focal adhesion](#)

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
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