CAPN7 rabbit monoclonal antibody

Catalog # H00023473-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CAPN7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CAPN7 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 CAPN7 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

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- ELISA

Gene Info — CAPN7

Entrez GeneID	23473
GeneBank Accession#	CAPN7
Gene Name	CAPN7
Gene Alias	CALPAIN7, FLJ36423, PALBH
Gene Description	calpain 7
Omim ID	606400
Gene Ontology	Hyperlink
Gene Summary	Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The cal pain proteins are heterodimers consisting of an invariant small subunit and variable large subunits . The large subunit possesses a cysteine protease domain, and both subunits possess calcium-bi nding domains. Calpains have been implicated in neurodegenerative processes, as their activati on can be triggered by calcium influx and oxidative stress. The function of the protein encoded by t his gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. The mouse orthologue is thought to be calcium independent with protease activit y. [provided by RefSeq
Other Designations	calpain like protease|homolog of Aspergillus Nidulans PALB

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