

# CAPN3 polyclonal antibody

Catalog # PAB5278

Size 100 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CAPN3.
Immunogen	A synthetic peptide corresponding to C-terminus of human CAPN3.
Sequence	DQESEEGKGKTSPDKQKQSP
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — CAPN3

Entrez GeneID

[825](#)

Gene Name	CAPN3
Gene Alias	CANP3, CANPL3, LGMD2, LGMD2A, MGC10767, MGC11121, MGC14344, MGC4403, nCL-1, p94
Gene Description	calpain 3, (p94)
Omim ID	<a href="#">114240</a> <a href="#">253600</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Calpain, a heterodimer consisting of a large and a small subunit, is a major intracellular protease, although its function has not been well established. This gene encodes a muscle-specific member of the calpain large subunit family that specifically binds to titin. Mutations in this gene are associated with limb-girdle muscular dystrophies type 2A. Alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms and some variants are ubiquitously expressed. [provided by RefSeq]
Other Designations	OTTHUMP00000161194 OTTHUMP00000161196 calpain 3 calpain p94, large [catalytic] subunit calpain, large polypeptide L3 muscle-specific calcium-activated neutral protease 3 large subunit

## Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Muscular Dystrophies](#)