

DNAxPAb

Hard-to-Find
Antibody

CAPN3 DNAxPab

Catalog # H00000825-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CAPN3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MHGKQHLQKDFFLYNASKARSKTYINMREVSQRFRLPPSEYVVPSTYEPHQEGEFILRVFSEKRNLSSEEVENTISVDRPVKKKTKPIIFVSDRANSNKELGVDQSEEGKGKTSPDKQKQSPQPQPGSSDQSEEEQQQFRNIFKQIAGDDMEICADELKKVLNTVVNKHKDLKTHGFTLESCRSMLMDTDGSGKLNQLQEFHHLWNKIKAWQKIFKHYD TDQSGTINSYEMRNAVNDAGFHLNNQLYDIITMRYADKHMNIDFDSFICCFVRLEGMFRAFHAFDKDGDGIIKLVLEWLQLTMYA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CAPN3

Entrez GeneID	825
GeneBank Accession#	NM_173088.1
Protein Accession#	NP_775111.1
Gene Name	CAPN3
Gene Alias	CANP3, CANPL3, LGMD2, LGMD2A, MGC10767, MGC11121, MGC14344, MGC4403, nCL-1, p94
Gene Description	calpain 3, (p94)
Omim ID	114240 253600
Gene Ontology	Hyperlink
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](#)