



Anti-MYPN (aa 61-170) polyclonal antibody (DPAB-DC3489)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Striated muscle in vertebrates comprises large proteins which must be organized properly to contract efficiently. Z-lines in striated muscle are a sign of this organization, representing the ends of actin thin filaments, titin, nebulin or nebulette and accessory proteins required for structure and function. This gene encodes a protein which interacts with nebulin in skeletal muscle or nebulette in cardiac muscle and alpha-actinin. In addition, this gene product can interact with a protein with the I-band indicating it has a regulatory as well as structural function. Alternative splicing results in multiple transcript variants.
Immunogen	MYPN (NP_115967, 61 a.a. ~ 170 a.a) partial recombinant protein with GST tag. The sequence is PDLSAFLSQEELDESVNLARLAINYDPLEKADETQARKRLSPDQMKHSPNLSFEPNFCQD NPRSPPTSSKESPQEAKPQYCSETQSKKVFLNKAADFIEELSSLFKSHSS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MYPN myopalladin [Homo sapiens (human)]
Official Symbol	MYPN
Synonyms	MYPN; myopalladin; MYOP; RCM4; CMH22; CMD1DD; sarcomeric protein myopalladin, 145 kDa (MYOP);
Entrez Gene ID	84665
Protein Refseq	NP_001243196
UniProt ID	Q86TC9
Chromosome Location	10q21.3
Function	SH3 domain binding; actin binding; cytoskeletal protein binding; muscle alpha-actinin binding
