

DNAxPAb

Hard-to-Find
Antibody

MYO1C DNAxPab

Catalog # H00004641-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MYO1C DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MESALTARDRVGVQDFVLLNFTSEAAFIENLRRRFRENLIYIGPVLVSVNPYRDLQIYSRQHME
 RYRGVSFYEVPPHLFAVADTVYRALRTERRDQAVMISGESGAGKTEATKRLQFYAETCPAPERG
 GAVRDRLLQSNPVLEAFGNAKTLRNDNSSRFGKYMDVQDFDKGAPVGGHILSYLLEKSRVVHQN
 HGERNFHIFYQLLEGEEEELRRLGLERNPQSYLYLVKGQCAKVSSINDKSDWKVVRKALTVIDFT
 EDEVEDLLSVASVLHLGNIHFAANEEESNAQVTTENQLKYLTRLLSVEGSTLREALTHRKIIAKGEEL
 LSPNLLEQAAYARDALAKAVYSRTFTWLVGKINRSLASKDVESPSWRSTTVLGLLDIYGFEVFQHN
 SFEQFCINYCNEKLQQLFIELTLKSEQEEYEAGIAWEPVQYFNNKIICDLVEEKFKGIISILDEECLR
 PGEATDLTFLEKLEDTVKHHPHFLTHKLADQRTKSLGRGEFRLHYAGEVTYSVTGFLDKNNDL
 LFRNLKETMCSSKNPIMSQCFCFDRSELSDKKRPETVATQFKMSLLQLVEILQSKEPAYVRCIKPND
 AKQPGRFDEVLRHQVKYLGLENLRVRRAGFAYRRKYEAFLQRYKSLCPETWPTWAGRPQDGV
 AVLVRHLGYKPEEYKMGRKIFIRFPKTLFATEDALEVRRQSLATKIQAAWRGFHWRQKFLRVKRS
 AICIQSWWRGTLGRRKAAKRKWAQAQTIRRLIRGFILRHAPRCPENAFFLDHVRTSFLNLRRQLPRN
 VLDTSWPTPPPALREASELLRELCKNMVWKYCRSISPEWKQLQKAVASEIFKGKKDNYPQS
 VPRLFISTRGTDEISPRVLQALGSEPIQYAVPVVKYDRKGYKPRSRQLLLTPNAVVMEDAKVKQRI
 DYANLTGISVSSLSDSLFLVHVQRADNKQKGDVVLQSDHVIETLTKTALSANRVNSININQGSITFA
 GGPRDGTIDFTPGSELLITKAKNGHLAVVAPRLNSR

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 — MYO1C

Entrez GeneID	4641
GeneBank Accession#	BC044891.1
Protein Accession#	NP_203693.2
Gene Name	MYO1C
Gene Alias	FLJ23903, MMI-beta, MM1b, NMI, myr2
Gene Description	myosin IC
Omim ID	606538
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The nuclear isoform associates with RNA polymerase I and II and functions in transcription initiation. The mouse ortholog of this protein also functions in intracellular vesicle transport to the plasma membrane. Multiple transcript variants encoding different isoforms have been found for this gene. The related gene myosin IE has been referred to as myosin IC in the literature, but it is a distinct locus on chromosome 19. [provided by RefSeq]
Other Designations	myosin-I beta nuclear myosin I

Disease

- [Hearing Loss](#)