

DNAxPAb

Hard-to-Find
Antibody

ACTA1 DNAxPab

Catalog # H00000058-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACTA1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MCDEDETTALVCDNGSGLVKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQS KRGILTLKYPIEHGIITNWDDMEKMWHTFYNELRVAPEEHPTLLTEAPLNPKANREKMTQIMFETFN VPAMYVAIQAVLSLYASGRRTTGIVLDSGDGVTHNVPIYEGYALPHAIMRLDLAGRDLTDYLMKILTER GYSFVTTAEREIVRDIKEKLCYVALDFENEMATAASSSSLEKSYELPDGQVITIGNERFRCPETLFQ PSFIGMESAGIHETTYNSIMKCDIDIRKDLYANNVMSGGTTMYPGIADRMQKEITALAPSTMKIKIAPP ERKYSVWIGGSILASLSTFQQMWITKQEYDEAGPSMHRKCF
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 — ACTA1

Entrez GeneID	58
GeneBank Accession#	NM_001100.3
Protein Accession#	NP_001091.1
Gene Name	ACTA1
Gene Alias	ACTA, ASMA, CFTD, CFTD1, CFTDM, MPFD, NEM1, NEM2, NEM3
Gene Description	actin, alpha 1, skeletal muscle
Omim ID	102610 161800 255310
Gene Ontology	Hyperlink
Gene Summary	The product encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess of thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproportion, diseases that lead to muscle fiber defects. [provided by RefSeq]
Other Designations	OTTHUMP00000036123 alpha skeletal muscle actin

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Myocardial Infarction](#)

- [Parkinson disease](#)