

## ARG46303 anti-MYH8 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MYH8
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MYH8
Species	Human
Immunogen	A 19 amino acid synthetic peptide within aa. 60 - 110 of human MYH8.
Conjugation	Un-conjugated
Alternate Names	MYH8; myosin, heavy chain 8, skeletal muscle, perinatal; Myosin heavy chain 8; Myosin-8; Myosin heavy chain skeletal muscle perinatal; MyHC-perinatal; MyHC-peri; MyHC-pn; gtMHC-F

### Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	220 kDa	

### Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -353°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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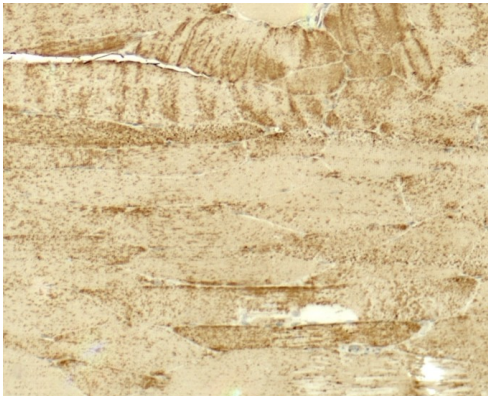
Gene Symbol	MYH8
Gene Full Name	myosin, heavy chain 8, skeletal muscle, perinatal
Background	Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells. Muscle myosins are heterohexamers composed of 2 myosin heavy chains and 2 pairs of nonidentical myosin light chains. This gene encodes a member of the class II or conventional myosin heavy chains, and functions in skeletal muscle contraction. This gene is predominantly expressed in fetal skeletal muscle. This gene is found in a cluster of myosin heavy chain genes on chromosome 17. A mutation in this gene results in trismus-pseudocamptodactyly syndrome. [provided by RefSeq, Sep 2009]
Function	Muscle contraction. [UniProt]
Calculated Mw	213 kDa
PTM	Phosphoprotein; Methylation. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

## Images



ARG46303 anti-MYH8 antibody WB image

Western blot: HeLa stained with ARG46303 anti-MYH8 antibody.



ARG46303 anti-MYH8 antibody IHC-P image

Immunohistochemistry: Mouse skeletal muscle stained with ARG46303 anti-MYH8 antibody.