

MYH14 Antibody (aa1051-1100)
Rabbit Polyclonal Antibody
Catalog # ALS16672

Specification

MYH14 Antibody (aa1051-1100) - Product Information

Application	IHC, WB
Primary Accession	O7Z406
Other Accession	79784
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	227871

MYH14 Antibody (aa1051-1100) - Additional Information

Gene ID 79784

Other Names

MYH14, DFNA4, DFNA4A, FP17425, MYH17, Myosin, heavy polypeptide 14, NMHC-II-C, NMHC II-C, PNMHH, Myosin, Myosin heavy chain 14, Myosin-14, KIAA2034, MHC16, MYH14 variant protein, Myosin, heavy chain 14

Target/Specificity

MYH14 Antibody detects endogenous levels of total MYH14 protein.

Reconstitution & Storage

PBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C for up to one year.

Precautions

MYH14 Antibody (aa1051-1100) is for research use only and not for use in diagnostic or therapeutic procedures.

MYH14 Antibody (aa1051-1100) - Protein Information

Name MYH14

Synonyms KIAA2034

Function

Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.

Tissue Location

High levels of expression are found in brain (highest in corpus callosum), heart, kidney, liver, lung, small intestine, colon and skeletal muscle. Expression is low in organs composed mainly of smooth

muscle, such as aorta, uterus and urinary bladder. No detectable expression is found in thymus, spleen, placenta and lymphocytes.

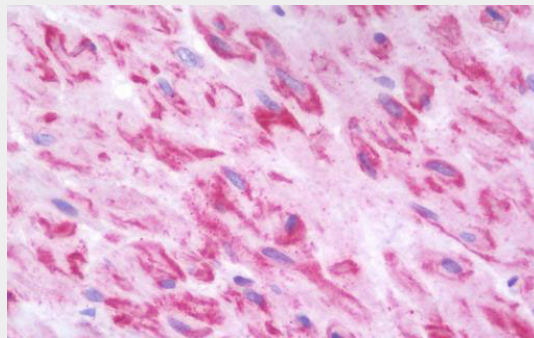
Volume
50 μ l

MYH14 Antibody (aa1051-1100) - Protocols

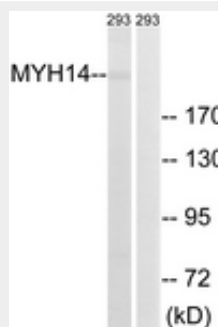
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MYH14 Antibody (aa1051-1100) - Images



Anti-MYH14 antibody IHC staining of human prostate.



Western blot of extracts from 293 cells, using MYH14 Antibody.

MYH14 Antibody (aa1051-1100) - Background

Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.

MYH14 Antibody (aa1051-1100) - References

Leal A., et al. Gene 312:165-171(2003).

Nagase T., et al. Submitted (JAN-2007) to the EMBL/GenBank/DDBJ databases.

Grimwood J., et al. Nature 428:529-535(2004).

Bienvenut W.V., et al. Submitted (NOV-2006) to UniProtKB.

Jana S.S., et al. J. Biol. Chem. 284:11563-11571(2009).