

MYH14 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20565a

Specification

MYH14 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q7Z406
Other Accession	Q6URW6
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	227871

MYH14 Antibody (Center) - Additional Information

Gene ID 79784

Other Names

Myosin-14, Myosin heavy chain 14, Myosin heavy chain, non-muscle IIc, Non-muscle myosin heavy chain IIc, NMHC II-C, MYH14, KIAA2034

Target/Specificity

This MYH14 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 654-668 amino acids from the Central region of human MYH14.

Dilution

WB~~1:1000

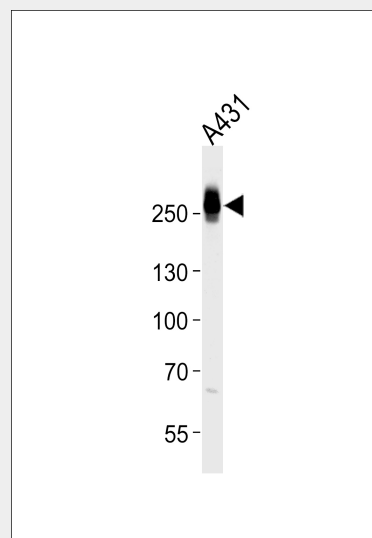
IHC-P~~1:25

Format

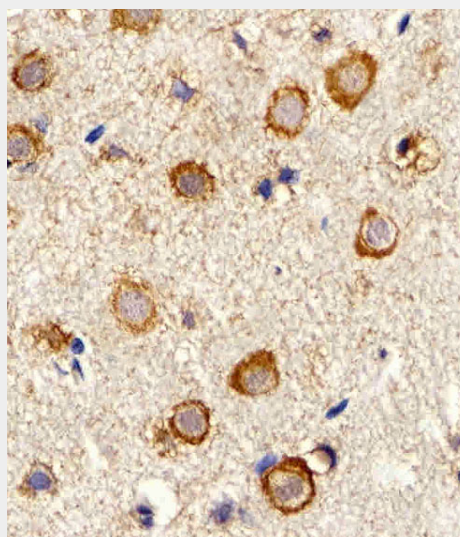
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western blot analysis of lysate from A431 cell line, using MYH14 Antibody (Center)(Cat. #AP20565a). AP20565a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Immunohistochemical analysis of paraffin-embedded M.brain section using MYH14 Antibody (Center)(Cat#AP20565a). AP20565a was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at

Precautions

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

MYH14 Antibody (Center) - Protein Information

Name MYH14

Synonyms KIAA2034

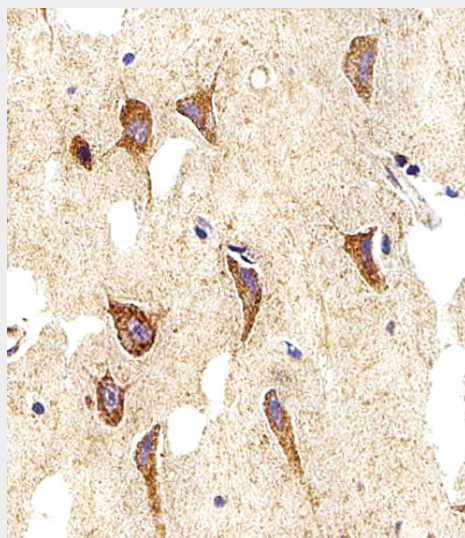
Function

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.

1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. brain section using MYH14 Antibody (Center) (Cat#AP20565a). AP20565a was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

MYH14 Antibody (Center) - 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 (Center) - Background

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

MYH14 Antibody (Center) - 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).