

**MYH14 Blocking Peptide (Center)**

Synthetic peptide

Catalog # BP20565a

**Specification****MYH14 Blocking Peptide (Center) - Product Information**

Primary Accession [Q7Z406](#)  
Other Accession [Q6URW6](#)

**MYH14 Blocking Peptide (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**

The synthetic peptide sequence is selected from aa 654-668 of HUMAN MYH14

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**MYH14 Blocking Peptide (Center) - Protein Information****Name** MYH14**Synonyms** KIAA2034**Function**

Cellular myosin that appears to play a role

**MYH14 Blocking Peptide (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 Blocking Peptide (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).

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**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.

**MYH14 Blocking Peptide (Center) -  
Protocols**

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

- [Blocking Peptides](#)