

**MYO7B Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10409b****Specification**

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**MYO7B Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q6PIF6](#)  
Other Accession [NP\\_001073996.1](#)

**MYO7B Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 4648

**Other Names**

Unconventional myosin-VIIb, MYO7B

**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.

**MYO7B Antibody (C-term) Blocking peptide - Protein Information**

**Name** MYO7B ([HGNC:7607](#))

**Function**

Myosins are actin-based motor molecules with ATPase activity. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. As part of the intermicrovillar adhesion complex/IMAC plays a role in epithelial brush border differentiation, controlling microvilli organization and length (PubMed:<a href="http://www.uniprot.org/citations/32209652" target="\_blank">32209652</a>, PubMed:<a href="http://www.uniprot.org/citations/26812018" target="\_blank">26812018</a>, PubMed:<a href="http://www.uniprot.org/citations/24725409" target="\_blank">24725409</a>). May link the complex to the actin core bundle of microvilli.

**Cellular Location**

Cytoplasm, cytoskeleton. Cell projection, microvillus. Note=Enriched in the microvilli of the intestinal brush border.

**MYO7B Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**MYO7B Antibody (C-term) Blocking peptide - Images**

**MYO7B Antibody (C-term) Blocking peptide - References**

Davila, S., et al. Genes Immun. 11(3):232-238(2010)Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)Yoshida, T., et al. Int. J. Mol. Med. 24(4):539-547(2009)Venter, J.C., et al. Science 291(5507):1304-1351(2001)