

**AMOTL1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP13179b****Specification**

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**AMOTL1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q8IY63](#)

**AMOTL1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 154810

**Other Names**

Angiomotin-like protein 1, AMOTL1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13179b was selected from the C-term region of AMOTL1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**AMOTL1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** AMOTL1

**Function**

Inhibits the Wnt/beta-catenin signaling pathway, probably by recruiting CTNNB1 to recycling endosomes and hence preventing its translocation to the nucleus.

**Cellular Location**

Cell junction, tight junction.

**AMOTL1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**AMOTL1 Antibody (C-term) Blocking Peptide - Images****AMOTL1 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a peripheral membraneprotein that is a component of tight junctions or TJs. TJs form anapical junctional structure and act to control paracellularpermeability and maintain cell polarity. This protein is related toangiomotin, an angiostatin binding protein that regulatesendothelial cell migration and capillary formation. [provided byRefSeq].

**AMOTL1 Antibody (C-term) Blocking Peptide - References**

Pei, Z., et al. Virology 397(1):155-166(2010)Gagne, V., et al. Cell Motil. Cytoskeleton 66(9):754-768(2009)Zheng, Y., et al. Circ. Res. 105(3):260-270(2009)Anney, R.J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1369-1378 (2008) :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :