

AMOTL2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8860c**Specification**

AMOTL2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O9Y2J4](#)**AMOTL2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 51421**Other Names**

Angiomotin-like protein 2, Leman coiled-coil protein, LCCP, AMOTL2, KIAA0989

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8860c](/products/AP8860c) was selected from the Center region of human AMOTL2. 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.

AMOTL2 Antibody (Center) Blocking Peptide - Protein Information**Name** AMOTL2**Synonyms** KIAA0989**Function**

Regulates the translocation of phosphorylated SRC to peripheral cell-matrix adhesion sites. Required for proper architecture of actin filaments. Inhibits the Wnt/beta-catenin signaling pathway, probably by recruiting CTNNB1 to recycling endosomes and hence preventing its translocation to the nucleus. Participates in angiogenesis. May play a role in the polarity, proliferation and migration of endothelial cells. Selectively promotes FGF-induced MAPK activation through SRC.

Cellular Location

Recycling endosome.

AMOTL2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AMOTL2 Antibody (Center) Blocking Peptide - Images

AMOTL2 Antibody (Center) Blocking Peptide - Background

AMOTL2 is a protein that binds angiostatin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). Angiomotin mediates angiostatin inhibition of endothelial cell migration and tube formation in vitro. The protein encoded by this gene is related to angiomotin and is a member of the motins protein family.

AMOTL2 Antibody (Center) Blocking Peptide - References

Bratt,A.,et.al., Gene 298 (1), 69-77 (2002)