

**Anti-AMOTL2 Picoband Antibody**  
**Catalog # ABO13056****Specification**

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**Anti-AMOTL2 Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9Y2J4</a>
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for AMOTL2 detection. Tested with WB, Direct ELISA in Human;Mouse;Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-AMOTL2 Picoband Antibody - Additional Information**

**Gene ID** 51421

**Other Names**

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

**Application Details**

Western blot, 0.1-0.5 µg/ml<br> Direct ELISA, 0.1-0.5 µg/ml<br>

**Subcellular Localization**

Recycling endosome.

**Contents**

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E. coli-derived human AMOTL2 recombinant protein (Position: A401-Q480).

**Cross Reactivity**

No cross reactivity with other proteins.

**Storage**

**At -20°C; for one year. After r°Constitution, at 4°C; for one month. It°Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.**

**Anti-AMOTL2 Picoband Antibody - 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.

**Anti-AMOTL2 Picoband Antibody - 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](#)

**Anti-AMOTL2 Picoband Antibody - Images**

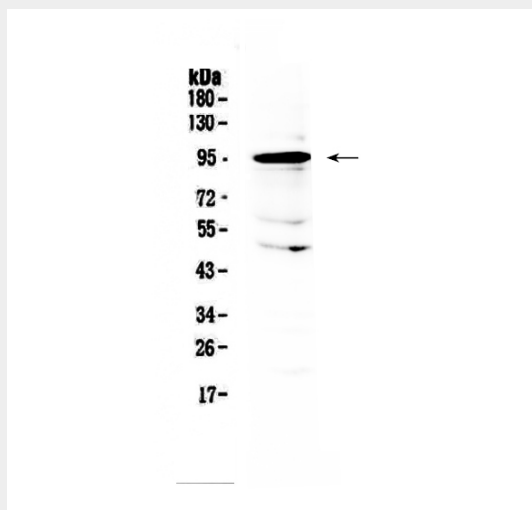


Figure 1. Western blot analysis of AMOTL2 using anti-AMOTL2 antibody (ABO13056).

**Anti-AMOTL2 Picoband Antibody - Background**

Angiomotin-like protein 2 is a protein that in humans is encoded by the AMOTL2 gene. Angiomotin is a protein that binds angiotensin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). It mediates angiotensin 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 motin

protein family. Alternative splicing results in multiple transcript variants of this gene.