

AMOTL2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8860C**Specification**

AMOTL2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9Y2J4
Other Accession	G3V735 , Q8K371 , F1MRK3
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	126-152

AMOTL2 Antibody (Center) - Additional Information**Gene ID** 51421**Other Names**

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

Target/Specificity

This AMOTL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-152 amino acids from the Central region of human AMOTL2.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AMOTL2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

AMOTL2 Antibody (Center) - 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.

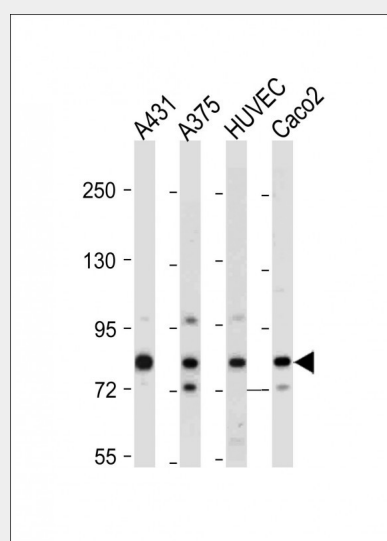
Cellular Location
Recycling endosome.

AMOTL2 Antibody (Center) - 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](#)

AMOTL2 Antibody (Center) - Images



All lanes : Anti-AMOTL2 Antibody (Center) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: A375 whole cell lysate Lane 3: HUVEC whole cell lysate Lane 4: Caco2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 86 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

AMOTL2 Antibody (Center) - 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) - References

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

AMOTL2 Antibody (Center) - Citations

- [Vestigial-like family member 3 \(VGLL3\), a cofactor for TEAD transcription factors, promotes cancer cell proliferation by activating the Hippo pathway](#)
- [Amotl2 interacts with LL5 \$\beta\$, localizes to podosomes and regulates postsynaptic differentiation in muscle.](#)