

## ARG54809 anti-AMOTL2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes AMOTL2
Tested Reactivity	Hu, Ms
Predict Reactivity	Bov, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AMOTL2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 126-152 (Center) of Human AMOTL2.
Conjugation	Un-conjugated
Alternate Names	Leman coiled-coil protein; Angiotensin-like protein 2; LCCP

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	

### Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Database links	<a href="#">GeneID: 51421 Human</a> <a href="#">GeneID: 56332 Mouse</a> <a href="#">Swiss-port # Q8K371 Mouse</a> <a href="#">Swiss-port # Q9Y2J4 Human</a>
Gene Symbol	AMOTL2
Gene Full Name	angiomotin like 2
Background	<p>Angiomotin 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 motin protein family. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]</p>
Function	<p>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. [UniProt]</p>
Research Area	Cell Biology and Cellular Response antibody
Calculated Mw	86 kDa
PTM	Phosphorylation at Tyr-107 is necessary for efficient binding to SRC and synergistically functioning with SRC to activate the downstream MAPK pathway.
Cellular Localization	Recycling endosome.

## Images

