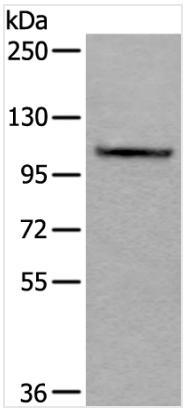
AMOTL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AMOTL1, Polyclonal Antibody
Full Product Name	AMOTL1 Antibody
Product Gene Name	anti-AMOTL1 antibody
Product Synonym Names	JEAP
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total AMOTL1 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	101,179 Da
OMIM	AK074084 mRNA
3D Structure	ModBase 3D Structure for Q8IY63
Immunogen	Synthetic peptide of human AMOTL1
Immunogen Type	Peptide
Product Categories/Family for anti-AMOTL1 antibody	Total protein Ab
Applications Tested/Suitable for anti-AMOTL1 antibody	Western Blot (WB)
Application Notes for anti-AMOTL1 antibody	Western Blot: 1:200-1000
Related Product Information for anti-AMOTL1 antibody	The protein encoded by this gene is a peripheral membrane protein that is a component of tight junctions or TJs. TJs form an apical junctional structure and act to control paracellular permeability and maintain cell polarity. This protein is related to angiomotin, an angiostatin binding protein that regulates endothelial cell migration and capillary formation. Two transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-AMOTL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AMOTL1 purchase	MBS9417047 is an antibody targeting AMOTL1. Also known as AMOTL1 Antibody. Reactive in Human. Host: Rabbit.



SDS-Page of anti-AMOTL1 antibody
Gel: 6%SDS-PAGE Lysate: 40 ug, Lane: A172 cell lysate, Primary antibody:AMOTL1 antibody at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 minutes

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AMOTL1. It may not necessarily be applicable to this product.

NCBI GI #	666335625
NCBI GeneID	154810
NCBI Accession #	NP_001287936.1
UniProt Primary Accession #	Q8IY63
UniProt Secondary Accession #	Q63HK7; Q8NDN0; Q8TEN8; Q8WXD1; Q96CM5
UniProt Related Accession #	Q8IY63
GenBank Nucleotide #	NM_001301007.1
NCBI Official Full Name	angiomotin-like protein 1 isoform 2
NCBI Official Synonym Full Names	angiomotin like 1
NCBI Official Symbol	AMOTL1
NCBI Official Synonym Symbols	JEAP
UniProt Protein Name	Angiomotin-like protein 1
Protein Family	Angiomotin-like protein
UniProt Gene Name	AMOTL1
UniProt Entry Name	AMOL1_HUMAN
NCBI Protein Information	angiomotin-like protein 1
UniProt Comments for AMOTL1	AMOTL1: Inhibits the Wnt/beta-catenin signaling pathway, probably by recruiting CTNNB1 to recycling endosomes and hence preventing its translocation to the nucleus. Belongs to the angiomotin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 11q14.3 Cellular Component: cell junction; cytoplasm; cytosol; signalosome; tight junction Molecular Function: identical protein binding; protein binding
Research Articles on AMOTL1	**1.** AMOTL1 Promotes Breast Cancer Progression and Is Antagonized by Merlin.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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