

Rabbit AMOT Polyclonal Antibody | anti-AMOT antibody

AMOT antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197854	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Immunohistochemistry, Western Blot

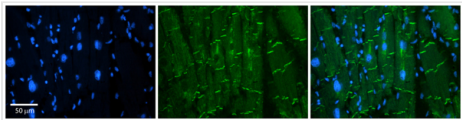
PRODUCT SYNONYMS

AMOT; Polyclonal Antibody; AMOT antibody - N-terminal region; anti-AMOT antibody

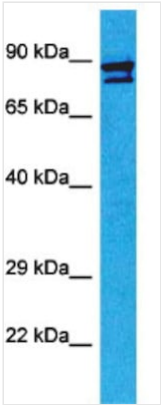
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: TA NKQLAEKEYE GSEDTRKTIS QLFAKNKESQ REKEKLEAEL ATARSTNE
Sequence Length	675
Applicable Applications for anti-AMOT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Protein Size (#AA)	675 amino acids
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human AMOT
Protein Interactions	AMOT; C1orf216; WDYHV1; MED4; SNAPC5; PPP2R4; LURAP1; UNC119; LMO4; PIN1; MAGEA4; KRT31; KRT15; FUS; SEPT1; CEP76; HAUS2; LATS2; CEP250; CDKN1A; ACTB; ACTA1; YAP1; SART3; AURKB; MAPK3; BAG3; WWOX; ITCH; LATS1; YWHAG; UBC; PARK2; AMOTL1; SPICE1; MPP7; CNTR
Blocking Peptide	For anti-AMOT antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

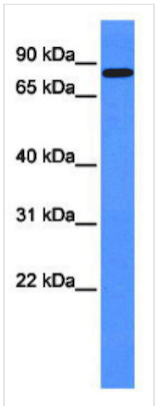
IMAGES



IHC (Immunohistochemisry)
Rabbit Anti-AMOT AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Adult heartObserved Staining: Membrane(tight junctions - intercalated disks)Primary Antibody Concentration: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy2/3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 secProtocol located in Reviews and Data.



WB (Western Blot)
Host: RabbitTarget Name: AMOTSample Tissue: Human A549 Whole Cell Antibody Dilution: 1ug/ml



WB (Western Blot)
WB Suggested Anti-AMOT Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Human heart

ADDITIONAL INFORMATION

Related Product Information for anti-AMOT antibody	This is a rabbit polyclonal antibody against AMOT. It was validated on Western Blot using a cell lysate as a positive control. Target Description: AMOT belongs to the motin family of angiostatin binding proteins characterized by conserved coiled-coil domains and C-terminal PDZ binding motifs. The protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiostatin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Alternative splicing results in multiple transcript variants encoding different isoforms.This gene belongs to the motin family of angiostatin binding proteins characterized by conserved coiled-coil domains and C-terminal PDZ binding motifs. The encoded protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiostatin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-AMOT antibody	Polyclonal; Transcription Factor; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	19111150
NCBI GeneID	154796
NCBI Accession #	NP_573572

NCBI GenBank Nucleotide #	NM_133265
UniProt Accession #	Q4VCS5
Molecular Weight	73kDa
NCBI Official Full Name	angiomotin isoform 2
NCBI Official Synonym Full Names	angiomotin
NCBI Official Symbol	AMOT
NCBI Protein Information	angiomotin
UniProt Protein Name	Angiomotin
UniProt Gene Name	AMOT
UniProt Synonym Gene Names	KIAA1071
UniProt Entry Name	AMOT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/amot-antibody-immunohistochemistry-western-blot-elisa/197854>