

Datasheet for ABIN754873

anti-Angiotensin II antibody (AA 545-620)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Angiotensin II (AMOT)
Binding Specificity:	AA 545-620
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin II antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Angiotensin II
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Angiotensin II (AMOT)
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Target Details

Alternative Name:	Angiomotin (AMOT Products)
Background:	Synonyms: Angiomotin, AMOT, KIAA171 Background: Plays a central role in tight junction maintenance via the complex formed with ARHGAP17, which acts by regulating the uptake of polarity proteins at tight junctions. Appears to regulate endothelial cell migration and tube formation. May also play a role in the assembly of endothelial cell-cell junctions.
Gene ID:	154796
UniProt:	Q4VCS5
Pathways:	Cell-Cell Junction Organization , Regulation of Cell Size

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

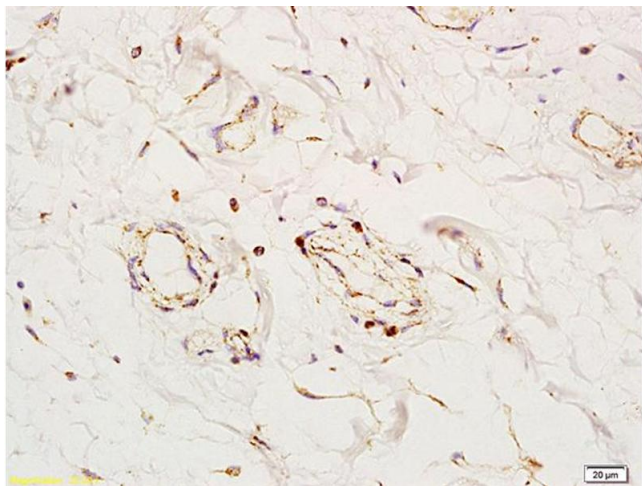
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

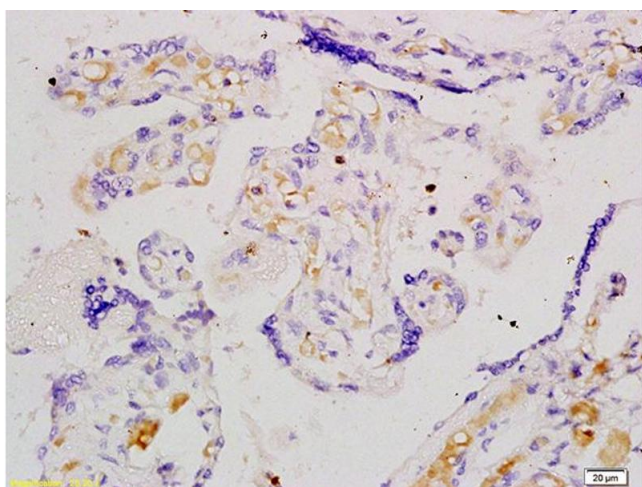
Product cited in: Shimada, Abe, Kohno, Satohisa, Konno, Takahashi, Hatakeyama, Arimoto, Kakuki, Kaneko, Takano, Saito, Kojima: "Loss of tricellular tight junction protein LSR promotes cell invasion and migration via upregulation of TEAD1/AREG in human endometrial cancer." in: **Scientific reports**, Vol. 7, pp. 37049, (2017) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human colon tissue labeled with Anti-Angiomotin Polyclonal Antibody, Unconjugated (ABIN754873) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human placenta tissue labeled with Anti-Angiomotin Polyclonal Antibody, Unconjugated (ABIN754873) at 1:200 followed by conjugation to the secondary antibody and DAB staining