

Datasheet for ABIN7144087
anti-Angiotensin antibody (AA 1-300)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Angiotensin (AMOT)
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Angiotensin protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Angiotensin (AMOT)
Alternative Name:	AMOT (AMOT Products)
Background:	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

Target Details

to regulate endothelial cell migration and tube formation. May also play a role in the assembly of endothelial cell-cell junctions.

Aliases: AMOT antibody, AMOT_HUMAN antibody, Angiomotin antibody, Angiomotin p130 isoform antibody, KIAA1071 antibody

UniProt: [Q4VCS5](#)

Pathways: [Cell-Cell Junction Organization](#), [Regulation of Cell Size](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

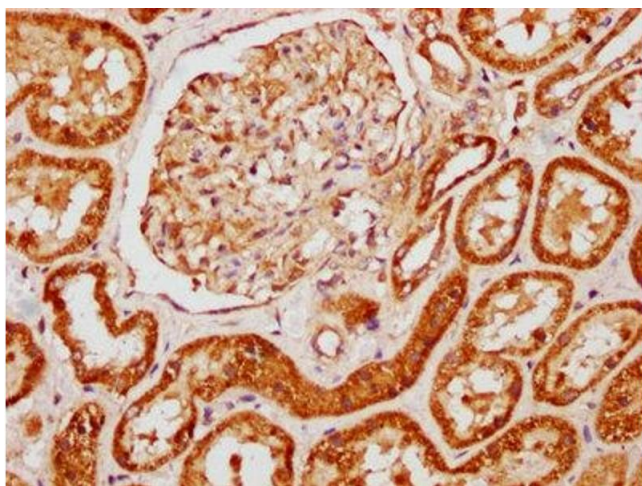
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

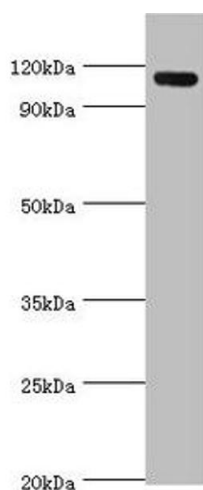
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



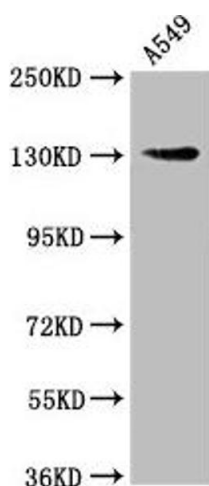
Immunohistochemistry

Image 1. IHC image of ABIN7144087 diluted at 1:121 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western blot All lanes: Angiomotin antibody at 2 μ g/mL + 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 119, 73 kDa Observed band size: 119 kDa



Western Blotting

Image 3. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: AMOT antibody at 1.21 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 119 kDa Observed band size: 130 kDa

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7144087.