

Datasheet for ABIN1881054
anti-Angiotensin II antibody (pTyr599)**1** Image**5** Publications[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Angiotensin II (AMOT)
Binding Specificity:	pTyr599
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin II antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This AMOT Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y599 of human AMOT.
Clone:	RB41443
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

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

Target Details

Background:	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.
Molecular Weight:	118085
NCBI Accession:	NP_001106962 , NP_573572
UniProt:	Q4VCS5
Pathways:	Cell-Cell Junction Organization , Regulation of Cell Size

Application Details

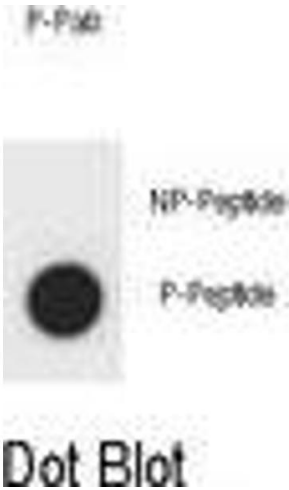
Application Notes:	DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Expiry Date:	6 months

Publications

Product cited in:	Maeda, Inoguchi, Takei, Sawada, Sasaki, Fujii, Kobayashi, Urata, Nishiyama, Takayanagi: "Inhibition of chymase protects against diabetes-induced oxidative stress and renal dysfunction in hamsters." in: American journal of physiology. Renal physiology , Vol. 299, Issue 6, pp. F1328-38, (2010) (PubMed).
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Dot Blot

Image 1. Dot blot analysis of OT Antibody (Phospho) Phospho-specific Pab (ABIN1881054 and ABIN2839911) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6 µg per ml.