

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AGTR1

Numéro de catalogue: 66415-1-Ig **1 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 66415-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC022447	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 1300 µg/ml by 185 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 185	<b>CloneNo.:</b> 2C5G11
<b>Hôte:</b> Mouse	<b>Nom complet:</b> angiotensin II receptor, type 1	<b>Dilutions recommandées:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG2a	<b>MW calculé:</b> 359 aa, 41 kDa	
<b>Immunogen Catalog Number:</b> AG14461	<b>MW observés:</b> 50 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : tissu cardiaque de porc, tissu de muscle squelettique de porc
<b>Demandes citées:</b> WB	
<b>Spécificité de l'espèce:</b> Humain, porc, rat, souris	
<b>Espèces citées:</b> souris	

## Informations générales

Angiotensin II (Ang II), the main effector molecule of the renin-angiotensin system, exerts its actions mainly via interaction with type-1 angiotensin II receptor (AGTR1, also named as AT1R), thereby contributing to blood pressure regulation. AGTR1 mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. By regulating vascular tone, cardiovascular function, salt and water homeostasis, AGTR1 exerts an indispensable physiological role (PMID: 21600887). AGTR1 has been implicated in diverse aspects of human disease, from the regulation of blood pressure and cardiovascular homeostasis to cancer progression (PMID: 26975580).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Han Su	34603779	J Adv Res	WB

## Stockage

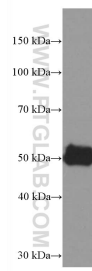
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20°C

\*\*\* Les 20ul contiennent 0,1% de BSA.

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## Données de validation sélectionnées



pig heart tissue were subjected to SDS PAGE followed by western blot with 66415-1-Ig (AGTR1 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.