

DNAXPAb

 Hard-to-Find  
Antibody

## AGTR2 DNAXPab

Catalog # H00000186-W01P      Size 100 ug

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a partial-length human AGTR2 DNA using DNAX™ Immune technology.
<b>Technology</b>	<a href="#">DNAX™ Immune</a>
<b>Immunogen</b>	AGTR2 (NP_000677.2, 1 a.a. ~ 297 a.a) partial-length human DNA
<b>Sequence</b>	MKGNSTLATTSKNITSGLHFGLVNI SGNNESTLNCSQKPSDKHLDAIPILYIIFVIGFLVNIVVTLFC CQKGPKKVSSIMFNLA VADLLLLLATLPLWATYYSRYDWLFGPVMCKVFGSFLTLNMFASIFFITC MSVDRYQSVIYPFLSQRNPWQASYVPLVWCMACLSSLPTFYFRDVRTIEYLGVNACIMAFPPEK YAQWSAGIALMKNILGFIIPLIATCYFGIRKHLKTN SYGKNRITRDQVLKMAAAVVLA FIIICWLPFHV LTFLDALAWMGVINSCEVIAVIDLALPFAILLGFTNSCVNPFLYCFVGNRFQQKLRSVFRVPITWLQ GKRESMSCRKSSSLREMETFVS
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (92); Rat (92)
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — AGTR2

Entrez GeneID	<a href="#">186</a>
GeneBank Accession#	<a href="#">NM_000686.3</a>
Protein Accession#	<a href="#">NP_000677.2</a>
Gene Name	AGTR2
Gene Alias	AT2, ATGR2, MRX88
Gene Description	angiotensin II receptor, type 2
Omim ID	<a href="#">300034</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>Angiotensin II is a potent pressor hormone and a primary regulator of aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. It acts through at least two types of receptors termed AT1 and AT2. AGTR2 belongs to a family 1 of G-protein coupled receptors. It is an integral membrane protein. It plays a role in the central nervous system and cardiovascular functions that are mediated by the renin-angiotensin system. This receptor mediates programmed cell death (apoptosis). In adults, it is highly expressed in myometrium with lower levels in adrenal gland and fallopian tube. It is highly expressed in fetal kidney and intestine. The human AGTR2 gene is composed of three exons and spans at least 5 kb. Exons 1 and 2 encode for 5' untranslated mRNA sequence and exon 3 harbors the entire uninterrupted open reading frame. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000023878 angiotensin receptor 2

## Pathway

- [Neuroactive ligand-receptor interaction](#)
- [Renin-angiotensin system](#)

## Disease

- [Abnormalities](#)
- [Adenocarcinoma](#)
- [Albuminuria](#)

- [Alzheimer disease](#)
- [Aortic Coarctation](#)
- [Aortic Valve Stenosis](#)
- [Arrhythmias](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Cough](#)
- [Death](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Glomerulonephritis](#)

- [Hydronephrosis](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypoglycemia](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Mental Status Schedule](#)
- [Metabolic Syndrome X](#)
- [Multicystic Dysplastic Kidney](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Polycythemia](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Stomach Neoplasms](#)
- [Tuberculosis](#)
- [Turner Syndrome](#)

- [Ureteral Obstruction](#)
- [Urinary Tract Infections](#)
- [Urologic Diseases](#)
- [Ventricular Dysfunction](#)
- [Vesico-Ureteral Reflux](#)