

## AGTR1 Antibody

Catalog No: #35616

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                       |   |
|-----------------------|---|
| Product Name          | AGTR1 Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications          | WB IHC IF   |
| Species Reactivity    | Human Mouse Rat   |
| Specificity           | The antibody detects endogenous levels of total AGTR1 protein.  |
| Immunogen Type        | Peptide   |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human AGTR1                                       |
| Target Name           | AGTR1   |
| Other Names           | AT1; AG2S; AT1B; AT1R; AT1AR; AT1BR; AT2R1; HAT1R; AGTR1A; AGTR1B; AT2R1A; AT2R1B                                     |
| Accession No.         | Swiss-Prot#: P30556NCBI Gene ID: 185Gene Accssion: BC022447   |
| Uniprot               | P30556  |
| GeneID                | 185;  |
| SDS-PAGE MW           | 41kd  |
| Concentration         | 1mg/ml  |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Storage               | Store at -20°C  |

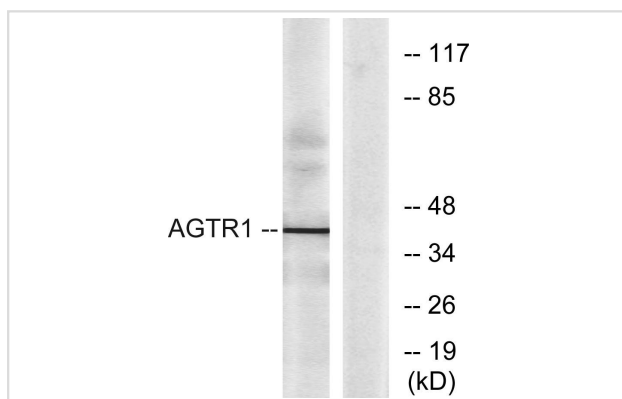
## Application Details

WB 1:500-1:2000

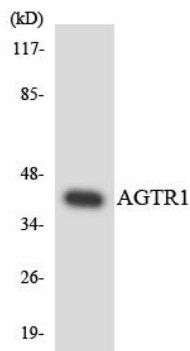
IHC 1:100-1:300

IF 1:200-1:1000

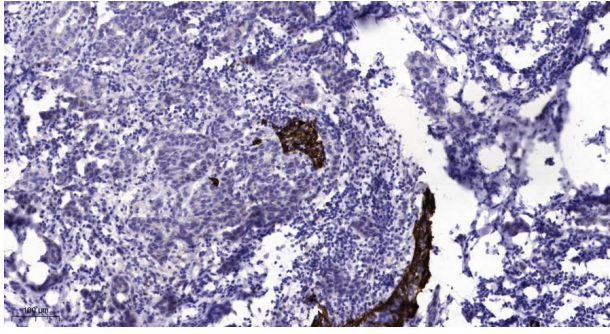
## Images



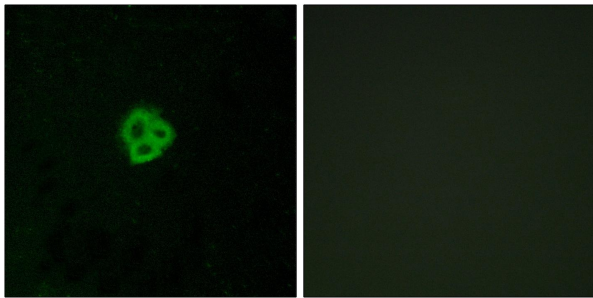
Western blot analysis of lysates from K562 cells, using AGTR1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using AGTR1 antibody.



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Immunofluorescence analysis of MCF7 cells, using AGTR1 Antibody. The picture on the right is blocked with the synthesized peptide.

## Background

Angiotensin II is a potent vasopressor 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. This gene encodes the type 1 receptor which is thought to mediate the major cardiovascular effects of angiotensin II. This gene may play a role in the generation of reperfusion arrhythmias following restoration of blood flow to ischemic or infarcted myocardium.

Note: This product is for in vitro research use only