

# AT1 Polyclonal Antibody

Cat No: HR1AP6143

For research use only

## Overview

|                       |  |
|-----------------------|--|
| Product Name          | AT1 Polyclonal Antibody  |
| Source                | Rabbit   |
| Applications          | WB,IHC-p,IF,ELISA  |
| Species Reactivity    | Human,Mouse,Rat  |
| Recommended Dilutions |  |
| Immunogen             |  |
| Species               | Rabbit   |
| Storage               | -20°C/1 year   |
| Isotype               |  |
| Clonality             |  |
| Concentration         | 1 mg/ml  |
| Observed band         | 41kDa  |
| GeneID?Human?         | AGTR1  |
| Human Swiss-Prot No.  |  |
| Cellular localization |  |
| Alternative Names     | AGTR1; AGTR1A; AGTR1B; AT2R1; AT2R1B; Type-1 angiotensin II receptor; AT1AR; AT1BR; Angiotensin II type-1 receptor; AT1  |
| Background            | <p>angiotensin II receptor type 1(AGTR1) Homo sapiens 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. It was previously thought that a related gene, denoted as AGTR1B, existed; however, it is now believed that there is only one type 1 receptor gene in humans. Multiple alternatively spliced transcript variants have been reported for this gene. [provided by RefSeq, Jul 2012],</p> |