

ARG57550
anti-AGTR2 antibodyPackage: 100 µl
Store at: -20°C**Summary**

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes AGTR2 |
| Tested Reactivity | Hu, Rat |
| Predict Reactivity | Ms, Pig |
| Tested Application | WB |
| Specificity | This antibody detects endogenous levels of AGTR2. |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | AGTR2 |
| Species | Human |
| Immunogen | Synthetic peptide of Human AGTR2. |
| Conjugation | Un-conjugated |
| Alternate Names | Type-2 angiotensin II receptor; MRX88; ATGR2; AT2; Angiotensin II type-2 receptor |

Application Instructions

| | | |
|-------------------|--|-----------------|
| Application table | Application | Dilution |
| | WB | 1:1000 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | HepG2 | |

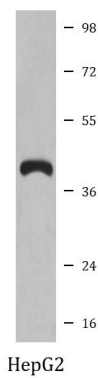
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Purified by affinity chromatography. |
| Buffer | PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|--|
| Gene Symbol | AGTR2 |
| Gene Full Name | angiotensin II receptor, type 2 |
| Background | The protein encoded by this gene belongs to the G-protein coupled receptor 1 family, and functions as a receptor for angiotensin II. It is an intergal membrane protein that is highly expressed in fetus, but scantily in adult tissues, except brain, adrenal medulla, and atretic ovary. This receptor has been shown to mediate programmed cell death and this apoptotic function may play an important role in developmental biology and pathophysiology. Mutations in this gene are been associated with X-linked mental retardation. [provided by RefSeq, Jan 2010] |
| Function | Receptor for angiotensin II. Cooperates with MTUS1 to inhibit ERK2 activation and cell proliferation. [UniProt] |
| Calculated Mw | 41 kDa |

Images



ARG57550 anti-AGTR2 antibody WB image

Western blot: HepG2 cell lysate stained with ARG57550 anti-AGTR2 antibody.