

ARG57550 anti-AGTR2 antibody

Package: 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	

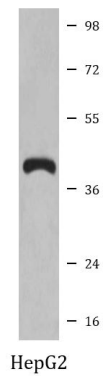
Properties

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 intergral 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.