

产品名称: Angiotensin II Type 2 Receptor Rabbit Monoclonal Antibody
产品货号: AMRe87160



产品概述 (Summary)

产品名称 (Production Name)	Angiotensin II Type 2 Receptor Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Angiotensin II Type 2 Receptor
别名 (Alternative Names)	AT2; ATGR2; MRX88
基因 ID (Gene ID)	186
蛋白 ID (SwissProt ID)	P50052.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IP 1:10-1:100
蛋白分子量 (Molecular Weight)	Calculated MW:41 kDa; Observed MW:41 kDa

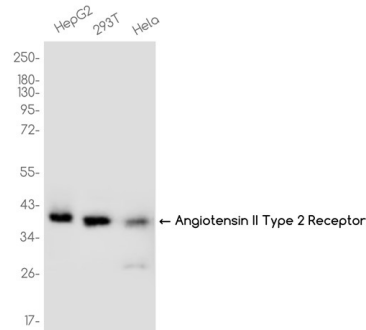
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研究背景 (Background)

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 integral 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 have been associated with X-linked cognitive disability. Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) and SARS-CoV-2 infection result in down-regulation of ACE2 (angiotensin converting enzyme-2) receptors which triggers serious inflammatory lesions, primarily in the lungs. The inflammatory reaction is mediated by angiotensin II derivatives; however, while the ACE2-angiotensin II-angiotensin AT1 receptor pathway contributes to the pathophysiology of ARDS (acute respiratory distress syndrome), the activation of the ACE-2-angiotensin(1-7)-angiotensin AT2 receptor and the ACE-2-angiotensin(1-7)-Mas receptor pathways have been shown to be protective. [provided by RefSeq, Jun 2020]

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of extracts from HepG2, 293T, HeLa cells using AMRe87160 at 1:1000.

注意事项 (Note)

For research use only.