

ACE2 Polyclonal Antibody

Catalog No.	IPB0274
Reactivity	Human; Mouse;
Applications	WB; ELISA
Dilution	WB: 1:500-1:2000 ELISA: 1:40000
Gene Name	ACE2
Protein Name	Angiotensin-converting enzyme 2
Human Gene Id	59272
Swiss-Prot	Q9BYF1
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	[Processed angiotensin-converting enzyme 2]: Secreted Cell membrane; Single-pass type I membrane protein Cytoplasm Cell projection, cilium Apical cell membrane Detected in both cell membrane and cytoplasm in neurons [Isoform 2]: Apical cell membrane
MW	92463
Background	The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxypeptidases and has considerable homology to human angiotensin 1 converting enzyme This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7 The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63

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