

Datasheet

ACE2 polyclonal antibody (AF647)

Catalog Number: PAB31742

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against human ACE2.

Immunogen: Recombinant protein corresponding to residues at internal region of human ACE2.

Host: Rabbit

Reactivity: Human

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody detects endogenous levels of total ACE2 protein.

Form: Liquid

Conjugation: AF647

Conjugation Note: Excitation Emission: 651nm / 667nm

Storage Buffer: In 0.01 M Na₃PO₄, 0.25 M NaCl, pH 7.6 (0.5% BSA, 0.02% sodium azide).

Storage Instruction: Store in the dark at 4°C for six months.

Entrez GeneID: 59272

Gene Symbol: ACE2

Gene Alias: ACEH, DKFZp434A014

Gene Summary: The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases 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. [provided by RefSeq]