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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53751_P050-FITC
Product Page	www.avivasysbio.com/ace2-antibody-middle-region-fitc-arp53751-p050-fitc.html
Name	ACE2 Antibody - middle region : FITC (ARP53751_P050-FITC)
Protein Size (# AA)	805 amino acids
Molecular Weight	89kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	59272
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Angiotensin I converting enzyme (peptidyl-di-peptidase A) 2
Alias Symbols	ACEH
Peptide Sequence	Synthetic peptide located within the following region: FVTAPKNVSDIIPRTEVEKAIRMSRSRINDAFLNDNSLEFLGIQPTLGP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Haga,S., (2008) Proc. Natl. Acad. Sci. U.S.A. 105 (22), 7809-7814
Description of Target	ACE2 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. 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 protein catalyzes the cleavage of angiotensin I into angiotensin 1-9. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	ACE2; AGT; CALM1; NTS; GHRL;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ACE2 (ARP53751_P050-FITC) antibody
Additional Information	IHC Information: Paraffin embedded testis tissue, tested with an antibody dilution of 5 ug/ml.
Blocking Peptide	For anti-ACE2 (ARP53751_P050-FITC) antibody is Catalog # AAP53751 (Previous Catalog # AAP30589)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACE2
Uniprot ID	Q9BYF1
Protein Name	Angiotensin-converting enzyme 2
Protein Accession #	NP_068576
Purification	Affinity Purified
Nucleotide Accession #	NM_021804
Gene Symbol	ACE2

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 79%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 86%; Rabbit: 86%; Rat: 93%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.