

Rabbit anti-Human ACE2 / ACE-2 Polyclonal Antibody | anti-ACE2 antibody

Rabbit Polyclonal to Human ACE2 / ACE-2

CATALOG # AAA50976	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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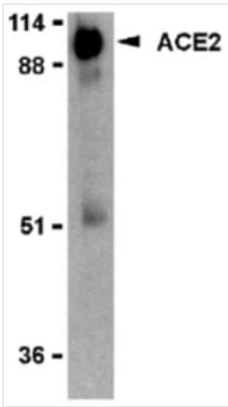
PRODUCT SYNONYMS

ACE2 / ACE-2; Polyclonal Antibody; Rabbit Polyclonal to Human ACE2 / ACE-2; Anti-ACE2 / ACE-2 Antibody (Internal) IHC-plus; ACE2; ACE-related carboxypeptidase; ACEH; Metalloprotease MPROT15; Human ACE2; ACE-2; anti-ACE2 antibody

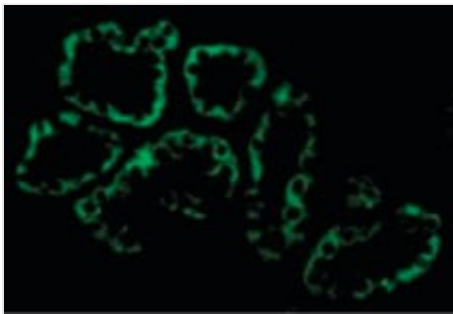
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	synthetic peptide corresponding to amino acids near the center of human ACE2
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	805
Applicable Applications for anti-ACE2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human ACE2.
Immunogen Type	Synthetic peptide
Immunogen	ACE2 / ACE-2 antibody was raised against synthetic peptide from human ACE2.
Antigen Modification	Internal
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

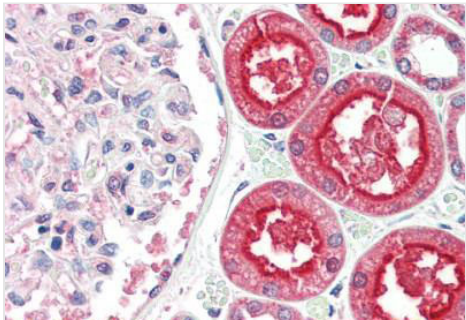
IMAGES



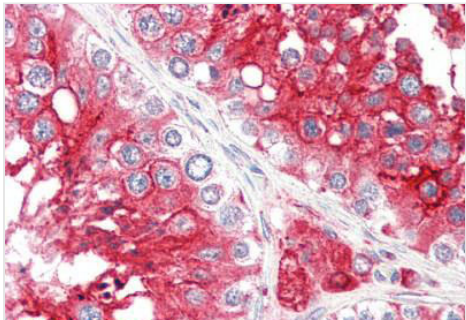
WB (Western Blot)
Western blot of ACE2 in human kidney lysate with ACE2 antibody at 2 ug/ml.



IF (Immunofluorescence)
Immunofluorescence of ACE2 in Human Kidney cells with ACE2 antibody at 2 ug/ml.



IHC (Immunohistochemistry)
Anti-ACE-2 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)
Anti-ACE-2 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ACE2 antibody	Angiotensin-Converting Enzyme 2 (ACE2) plays a central role in vascular, renal, and myocardial physiology. In contrast to its homolog ACE, ACE2 expression is restricted to heart, kidney, and testis. Recently, ACE2 has also been shown to be a functional receptor of the SARS coronavirus. The normal function of ACE2 is to convert the inactive vasoconstrictor angiotensin I (AngI) to Ang1-9 and the active form AngII to Ang1-7, unlike ACE, which converts AngI to AngII.
Product Categories/Family for anti-ACE2 antibody	Family: Protease ; Subfamily: Metallopeptidase M2

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225609
NCBI GeneID	59272
NCBI Accession #	NP_068576.1
NCBI GenBank Nucleotide #	NM_021804.2
UniProt Accession #	Q9BYF1 ; Q6UWP0 ; Q86WT0 ; Q9NRA7 ; Q9UFZ6 ; C7ECU1
Molecular Weight	63,912 Da
NCBI Official Full Name	angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme 2
NCBI Official Symbol	ACE2

NCBI Official Synonym Symbols	ACEH
NCBI Protein Information	angiotensin-converting enzyme 2; peptidyl-dipeptidase A; metalloprotease MPROT15; ACE-related carboxypeptidase; angiotensin-converting enzyme homolog; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	ACE2
UniProt Synonym Gene Names	ACEH
UniProt Entry Name	ACE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ace2-ace-2-antibody-western-blot-immunohistochemistry-elisa/50976>