

Rabbit anti-Human ACE2 Polyclonal Antibody | anti-ACE2 antibody

Rabbit anti-ACE2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213492	Rabbit	Human	Immunoprecipitation, Western Blot

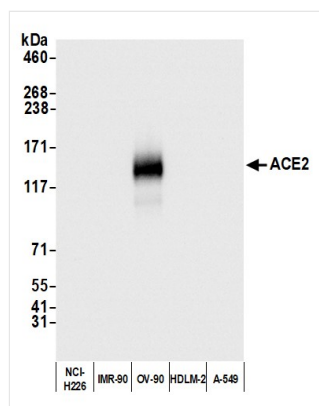
PRODUCT SYNONYMS

ACE2; Polyclonal Antibody; Rabbit anti-ACE2 Antibody; Affinity Purified; ACE2(18-740)/Rb-Fc; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2; peptidyl-dipeptidase A; metalloprotease MPROT15; angiotensin-converting enzyme 2; ACE-related carboxypeptidase; ACEH; angiotensin-converting enzyme homolog; Angiotensin-converting enzyme 2; angiotensin I converting enzyme 2; anti-ACE2 antibody

PRODUCT SPECIFICATIONS

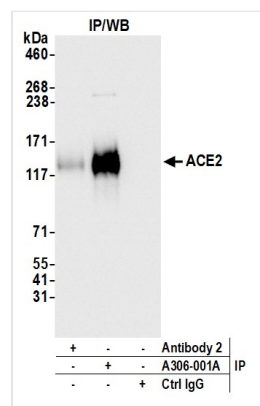
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ACE2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	HEK293-derived human ACE2 Gln18-Ser740, with a C-terminal Myc/TEV/HIS6/Rb-Fc Tag
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ACE2 by western blot. Samples: Whole cell lysate (5 ug) from NCI-H226, IMR-90, OV-90, HDLM-2, and A-549 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ACE2 antibody (AAA213492 lot 1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IP (Immunoprecipitation)

Detection of human ACE2 by western blot of immunoprecipitates. Samples: Whole cell lysate (500 ug per IP reaction; 5% of IP loaded) from OV-90 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ACE2 antibody (AAA213492 lot 1) used for IP at 6 ug per reaction. ACE2 was also immunoprecipitated by a second antibody against a different epitope to ACE2 (Antibody 2). For blotting immunoprecipitated ACE2, AAA213492 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-ACE2 antibody	ACE2 acts as a receptor for human coronaviruses SARS-CoV and SARS-CoV-2, as well as human coronavirus NL63/HCoV-NL63. ACE2 is also an essential counter-regulatory carboxypeptidase of the renin-angiotensin hormone system that is a critical regulator of blood volume, systemic vascular resistance, and thus cardiovascular homeostasis. (Uniprot)
Product Categories/Family for anti-ACE2 antibody	Primary Antibodies

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	92,463 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-antibody-immunoprecipitation-western-blot-elisa/213492>