

Rabbit anti-Mouse Angiotensin I Converting Enzyme 2 (ACE2) Polyclonal Antibody | anti-ACE2 antibody

Polyclonal Antibody to Angiotensin I Converting Enzyme 2 (ACE2)

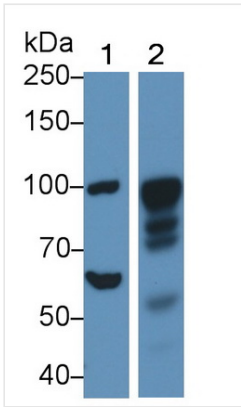
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21246	Rabbit	Mouse	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

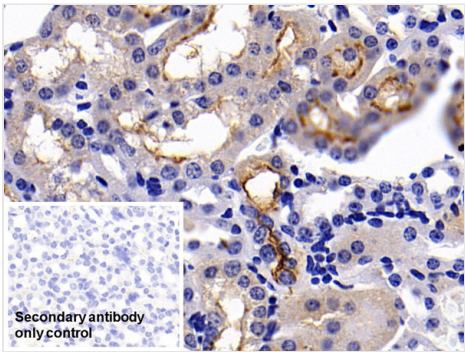
Angiotensin I Converting Enzyme 2 (ACE2); Polyclonal Antibody; Polyclonal Antibody to Angiotensin I Converting Enzyme 2 (ACE2); Angiotensin I Converting Enzyme 2; ACEH; ACEII; ACE-II; Peptidyl-Dipeptidase A; ACE-related carboxypeptidase; Angiotensin-converting enzyme homolog; Metalloprotease MPROT15; anti-ACE2 antibody

PRODUCT SPECIFICATIONS

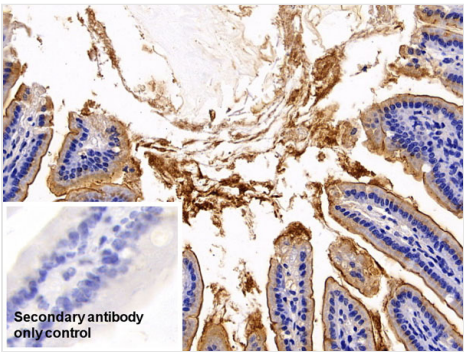
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ACE2. It has been selected for its ability to recognize ACE2 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.5mg/mL (varies by lot)
Sequence Positions	Gln18~Thr740
Applicable Applications for anti-ACE2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
Immunogen	Eukaryotic Angiotensin I Converting Enzyme 2 (ACE2)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



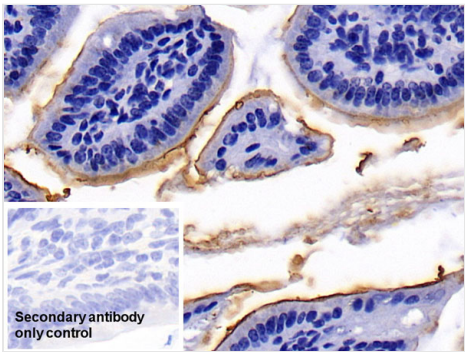
WB (Western Blot)
Western Blot; Sample: Lane1: Mouse Kidney lysate; Lane2: Mouse Small intestine lysate
Primary Ab: 0.1ug/ml Mouse Anti-Mouse ACE2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



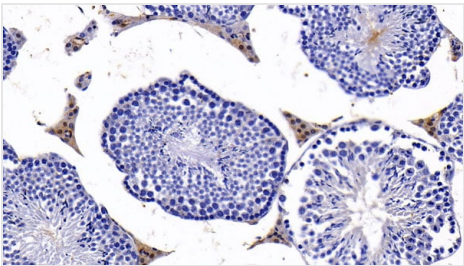
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Mouse Kidney Tissue Primary Ab: 10ug/ml Rabbit Anti-Mouse ACE2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



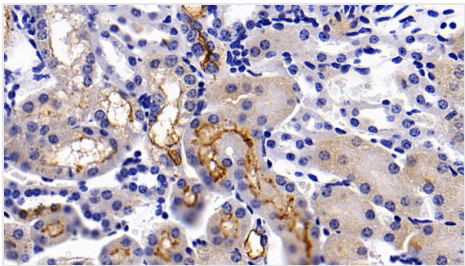
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Mouse Small intestine Tissue Primary Ab: 10ug/ml Rabbit Anti-Mouse ACE2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Mouse Colon Tissue Primary Ab: 10ug/ml Rabbit Anti-Mouse ACE2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Mouse Testis Tissue; Primary Ab: 10ug/ml Rabbit Anti-Mouse ACE2 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Mouse Kidney Tissue; Primary Ab: 10ug/ml Rabbit Anti-Mouse ACE2 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACE2 antibody	Polyclonal Antibodies (Primary Abs); Polyclonal antibodies; Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71152217
NCBI GeneID	70008
UniProt Accession #	Q8R0I0; Q99N70; Q99N71

Molecular Weight	40,340 Da
NCBI Official Full Name	Angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2
NCBI Official Symbol	Ace2
NCBI Official Synonym Symbols	2010305L05Rik
NCBI Protein Information	angiotensin-converting enzyme 2; ACE-related carboxypeptidase; angiotensin I converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	Ace2
UniProt Entry Name	ACE2_MOUSE

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://stage.aaabiotech.com/polyclonal/angiotensin-i-converting-enzyme-2-ace2-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21246>