



ACE2 Antibody

Cat. No.: 10-603

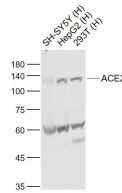


Figure 1 Western Blot Validation of ACE2

Lane 1: SH-SY5Y cell lysates, Lane 2: HepG2 cell lysates and Lane 3: 293T cell lysates probed with ACE2 antibody, 10-603, at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated

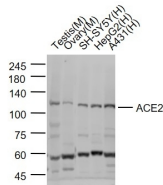


Figure 2 Western Blot Validation of ACE2

Lane 1: mouse testis lysates, Lane 2: mouse ovary lysates, Lane 3: SH-SY5Y cell lysates, Lane 4: HepG2 cell lysates and Lane 5: A431 cell lysates probed with ACE2 antibody, 10-603, at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:20000 for 60 min at 37°C.

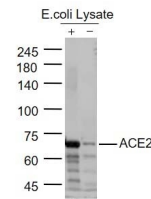


Figure 3 Western Blot Validation of ACE2

Lane 1: ACE2 protein overexpression E.coli lysates, Lane 2: control group E.coli lysates probed with ACE2 antibody, 10-603, at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:20000 for 60 min at 37°C.

Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Virus
TESTED APPLICATIONS:	IF, IHC-P, WB
APPLICATIONS:	WB(1:500-2000), IHC-P(1:200-400), IF(IHC-P)(1:50-200)

PURIFICATION:	Purified by Protein A.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol
CONCENTRATION:	≥1 mg/mL
STORAGE CONDITIONS:	Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	ACE2
ALTERNATE NAMES:	ACEH, Angiotensin-converting enzyme 2, ACE-related carboxypeptidase, Angiotensin-converting enzyme homolog, Metalloprotease MPROT15, ACE2, UNQ868/PRO1885
ACCESSION NO.:	Q9BYF1
GENE ID:	59272
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

BACKGROUND:	Carboxypeptidase which converts angiotensin I to angiotensin 1-9, a peptide of unknown function, and angiotensin II to angiotensin 1-7, a vasodilator. Also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. May be an important regulator of heart function. In case of human coronaviruses SARS and HCoV-NL63 infections, serve as functional receptor for the spike glycoprotein of both coronaviruses.
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