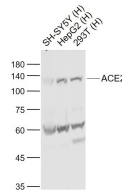




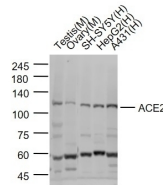
# ACE2 Antibody

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.

## Ψ Specifications

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

## Ψ Properties

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

## Ψ Additional Info

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

## Ψ Background and References

<b>BACKGROUND:</b>	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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