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35-1874: ACE2 Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	ACE2
Gene ID :	59272
Uniprot ID :	Q9BYF1
Format :	Purified
Alternative Name :	ACEH antibody; DKFZp434A014 antibody; ACE2 antibody; metalloprotease MPROT15 antibody; angiotensin-converting enzyme homolog antibody; angiotensin I converting enzyme 2 antibody; ACE-related carboxypeptidase antibody; angiotensin-converting enzyme 2 antibody
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant fragment corresponding to a region within amino acids 406 and 677 of ACE2.

Description

The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63.

Product Info

Amount :	100 µl
Purification :	Antibodies were purified by antigen-affinity chromatography.
Content :	Supplied at Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage condition :	Store at -20˚C

Application Note

Western blotting: 1:500-1:3000

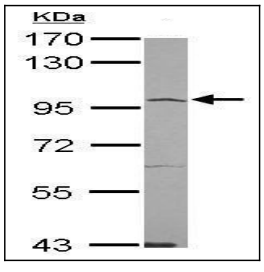


Figure-1: Western blot analysis of ACE2. Anti- ACE2 antibody (35-1874) was used at 1:1000 dilution on Hela lysate.

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