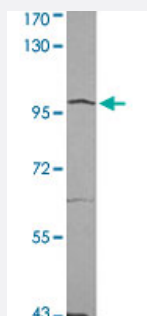


ACE2 polyclonal antibody

Catalog # PAB31735 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

Specification

Product Description Rabbit polyclonal antibody raised against partial recombinant human ACE2.

Immunogen Recombinant protein corresponding to amino acids 406-677 of human ACE2.

Host Rabbit

Theoretical MW (kDa) 92

Reactivity Human

Specificity This antibody detects endogenous levels of total ACE2 protein.

Form Liquid

Purification Antigen affinity purification

Recommend Usage Western Blot (1:500-1:3000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 0.1 M Tris, 0.1 M Glycine, pH 7 (20% glycerol, 0.01% thimerosal).

Storage Instruction Store at -20°C is stable for one year.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

Gene Info — ACE2

Entrez GeneID [59272](#)

Protein Accession# [Q9BYF1](#)

Gene Name ACE2

Gene Alias ACEH, DKFZp434A014

Gene Description angiotensin I converting enzyme (peptidyl-dipeptidase A) 2

Omim ID [300335](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxypeptidases 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. [provided by RefSeq]

Other Designations ACE-related carboxypeptidase|OTTHUMP00000022963|angiotensin I converting enzyme 2|angiotensin converting enzyme-like protein

Pathway

- [Renin-angiotensin system](#)

Disease

- [Arrhythmias](#)
- [Atrial Fibrillation](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypotension](#)
- [Intracranial Aneurysm](#)
- [Malaria](#)
- [Metabolic Syndrome X](#)
- [Sarcoidosis](#)