

ACE2 (K465) polyclonal antibody

Catalog: BS3692

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

There are two isoforms of ACE, the pulmonary ACEP and the testicular ACET. ACEP is a glycoprotein expressed in vascular endothelial cells of the lung, liver, adrenal cortex, pancreas, kidney and spleen. The ACET isoform is expressed exclusively in adult testis by developing sperm cells, specifically late pachytene spermatocytes. Additionally, ACE inactivates bradykinin, a vasodepressor peptide, and is involved in blood pressure regulation and fluid/electrolyte homeostasis. ACE2 is the first known human homolog of ACE. Unlike ACE, which is expressed ubiquitously throughout the vasculature, ACE2 is expressed only in cardiac, renal and testicular cells.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 92 kDa

Swiss-Prot:

Q9BYF1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

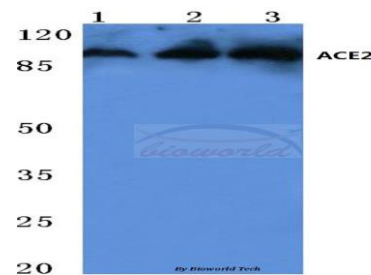
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ACE2 (K465) polyclonal antibody detects endogenous

levels of ACE2 protein.

DATA:

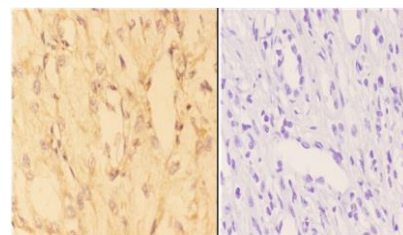


Western blot (WB) analysis of ACE2 (K465) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:SP2/0 cell lysate

Lane3:PC12 cell lysate



BS3692
Lot C136131

Immunohistochemistry (IHC) analyzes of ACE2 (K465) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50, showing cytoplasmic and membrane staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

For research use only, not for use in diagnostic procedure.

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