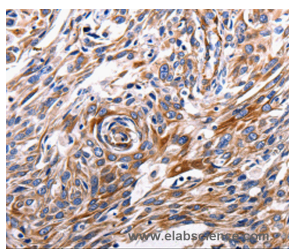


ACE2 Polyclonal Antibody

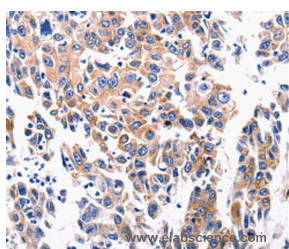
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-12224 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | IHC,ELISA | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ACE2 Polyclonal Antibody at dilution 1:200



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using ACE2 Polyclonal Antibody at dilution 1:200

Immunogen Information

| | |
|-----------------------|---------------------------------|
| Immunogen | Synthetic peptide of human ACE2 |
| Gene Accession | NP_068576 |
| Swissprot | Q9BYF1 |
| Synonyms | ACEH |

Product Information

| | |
|-----------------|---|
| Buffer | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |
| Purify | Affinity purification |
| Dilution | IHC 1:100-1:300 |

Background

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.