## ACE2 antibody [N1N2], N-term

## Cat. No. GTX101395

| Host | Rabbit | Reference (26) |
| :--- | :--- | :--- |
| Clonality | Polyclonal |  |
| Isotype | IgG | Package |
| Application | WB, ICC/IF, IHC-P, FACS, ELISA | $100 \mu \mathrm{l}, 25 \mu \mathrm{l}$ |
| Reactivity | Human Mouse, Rat, African green monkey |  |

Reactivity Human, Mouse, Rat, African green monkey

## APPLICATION

## Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution |  | Recommended dilution |
| :---: | :---: | :---: |
| WB |  | 1:500-1:3000 |
| ICC/IF |  | Assay dependent |
| IHC-P |  | 1:100-1:1000 |
| FACS |  | Assay dependent |
| ELISA |  | Assay dependent |
| Not tested in other applications. |  |  |
| Calculated MW | 92 kDa ( Note) |  |
| PROPERTIES |  |  |
| Form | Liquid |  |
| Buffer | PBS, 1\% BSA, 20\% Glycerol |  |
| Preservative | 0.025\% ProClin 300 |  |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage ( $1-2$ weeks), store at $4^{\circ} \mathrm{C}$. For long-term storage, aliquot and store at $-20^{\circ} \mathrm{C}$ or below. Avoid multiple freeze-thaw cycles. |  |
| Concentration | $0.2 \mathrm{mg} / \mathrm{ml}$ (Please refer to the vial label for the specific concentration.) |  |
| Immunogen | Recombinant protein encompassing a sequence within the Extracellular domain of human ACE2. The exact sequence is proprietary. |  |
| Purification | Purified by antigen-affinity chromatography. |  |
| Conjugation | Unconjugated |  |

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



## GTX101395 WB Image

Non-transfected ( - ) and transfected (+) Caco-2 whole cell extracts ( $30 \mu \mathrm{~g}$ ) were separated by $7.5 \%$ SDSPAGE, and the membrane was blotted with ACE2 antibody [N1N2], N-term (GTX101395) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


## GTX101395 IHC-P Image

ACE2 antibody [N1N2], N-term detects ACE2 protein at cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded human lung.
ACE2 stained by ACE2 antibody [N1N2], N-term (GTX101395) diluted at 1:2000.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


## GTX101395 WB Image

Untreated ( - ) and treated (+) Vero E6 whole cell extracts $(30 \mu \mathrm{~g})$ were separated by $7.5 \%$ SDS-PAGE, and the membrane was blotted with ACE2 antibody [N1N2], N-term (GTX101395) diluted at 1:500. The HRPconjugated anti-rabbit lgG antibody (GTX213110-01) was used to detect the primary antibody.


## GTX101395 ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant Human ACE2 (ECD) protein , mouse IgG Fc tag protein (GTX135683-pro) (15.63-1000 ng/mL). Coated protein probed with ACE2 antibody [N1N2], N-term (GTX101395) ( $0.1 \mu \mathrm{~g} / \mathrm{mL}$ ). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) detected bound primary antibody.

