

# Product Datasheet

## ACE-2 Antibody - BSA Free

### NBP1-76611

Unit Size: 0.1 mg

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

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**NBP1-76611**

ACE-2 Antibody - BSA Free

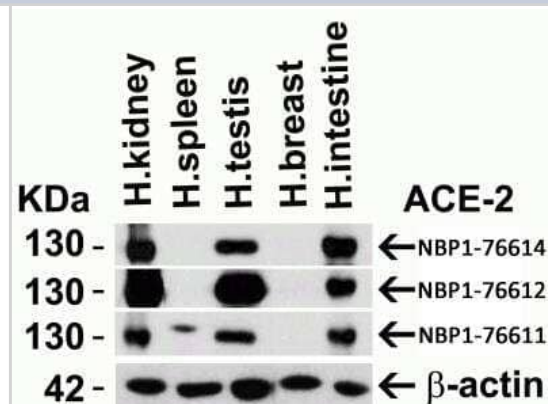
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	90 kDa

Product Description	
Host	Rabbit
Gene ID	59272
Gene Symbol	ACE2
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (86%)
Specificity/Sensitivity	Anti-ACE2 has no cross response to ACE1.
Immunogen	Antibody was raised against a peptide corresponding to 14 amino acids near the amino terminus of human ACE-2. The immunogen is located within the first 50 amino acids of ACE-2. Amino Acid Squence: QSTIEEQAKTFLDK

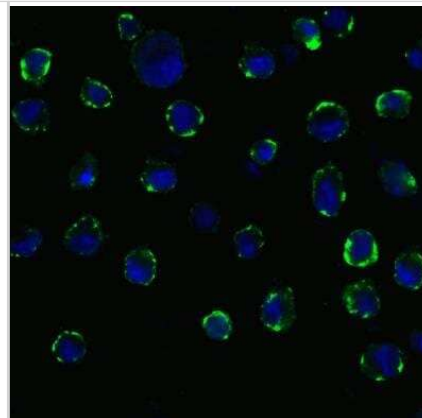
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 2 ug/ml

**Images**

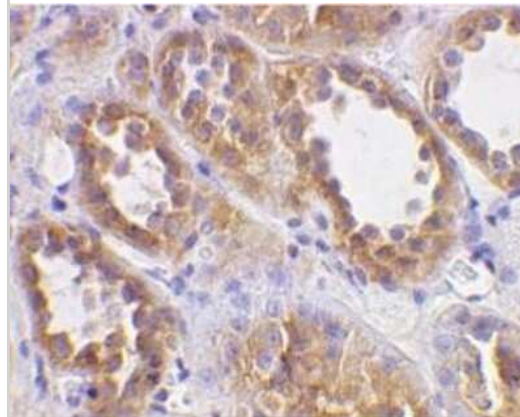
Western Blot: ACE-2 Antibody [NBP1-76611] - Independent Antibody Validation (IAV) via Protein Expression Profile in Human Tissues. Loading: 15 ug of lysates per lane. Antibodies: ACE2, NBP1-76614 (2 ug/mL), ACE2, NBP1-76612 (2 ug/mL), ACE2, NBP1-76611 (2 ug/mL) and beta-actin NBP1-76692 (1 ug/ml).



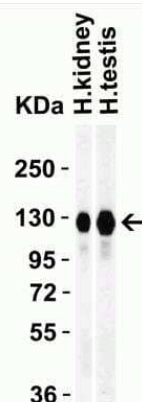
Immunocytochemistry/Immunofluorescence: ACE-2 Antibody [NBP1-76611] - Immunofluorescent analysis of 4% paraformaldehyde fixed Caco2 cells labeling ACE2 with NBP1-76611 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue). Image showing membrane staining on Caco2 cells.



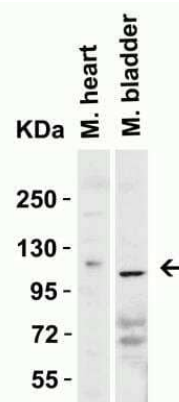
Immunohistochemistry-Paraffin: ACE-2 Antibody [NBP1-76611] - Human kidney cells using Angiotensin Converting Enzyme 2 antibody at 2 ug/ml.



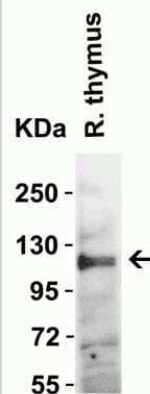
Western Blot: ACE-2 Antibody [NBP1-76611] - Loading: 15 ug of lysates per lane. Antibodies: ACE2, (1 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



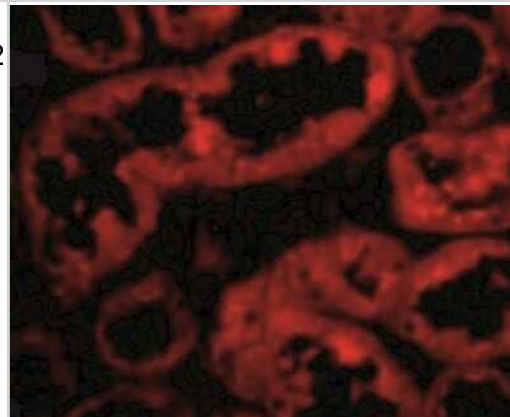
Western Blot: ACE-2 Antibody [NBP1-76611] - Loading: 15 ug of lysates per lane. Antibodies: ACE2, (2 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



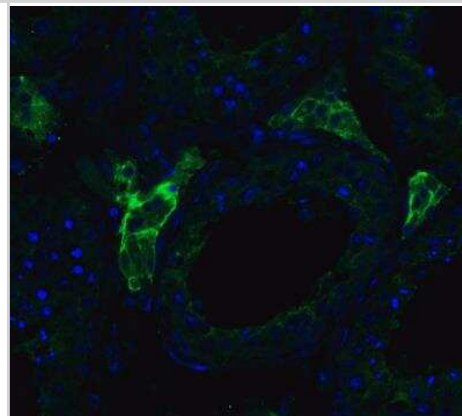
Western Blot: ACE-2 Antibody [NBP1-76611] - Loading: 15 ug of lysates per lane. Antibodies: ACE2, (2 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



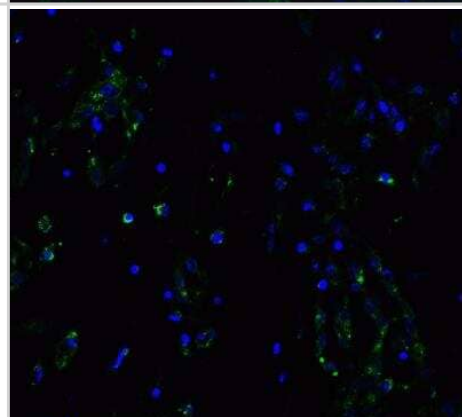
Immunocytochemistry/Immunofluorescence: ACE-2 Antibody [NBP1-76611] - Immunofluorescence of ACE2 in Human Kidney cells with ACE2 antibody at 10 ug/mL.



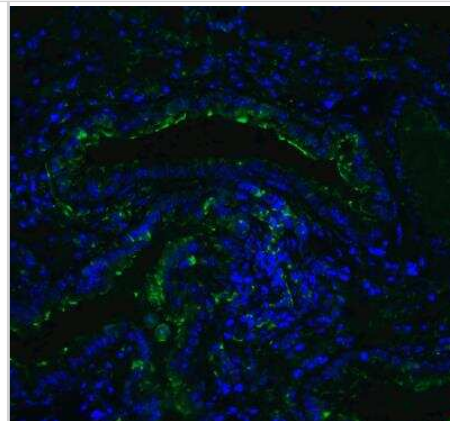
Immunocytochemistry/Immunofluorescence: ACE-2 Antibody [NBP1-76611] - Immunofluorescence Validation of ACE2 in Human Testis Tissue. Immunofluorescent analysis of 4% paraformaldehyde fixed human testis tissue labeling ACE-2 with NBP1-76611 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



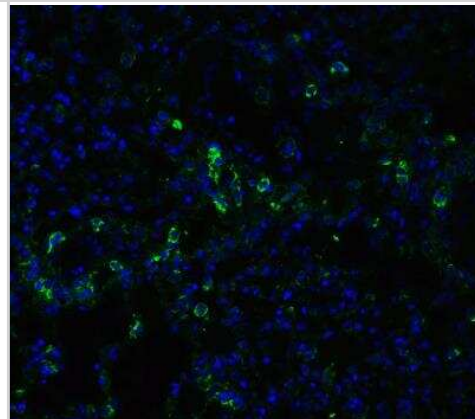
Immunocytochemistry/Immunofluorescence: ACE-2 Antibody [NBP1-76611] - Immunofluorescent analysis of 4% paraformaldehyde fixed human lung tissue labeling ACE-2 with NBP1-76611 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunocytochemistry/Immunofluorescence: ACE-2 Antibody [NBP1-76611] - Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse lung tissue labeling ACE-2 with NBP1-76611 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunocytochemistry/Immunofluorescence: ACE-2 Antibody [NBP1-76611] - Immunofluorescent analysis of 4% paraformaldehyde-fixed rat lung tissue labeling ACE-2 with NBP1-76611 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).





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### **Products Related to NBP1-76611**

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NBP1-76611PEP	ACE-2 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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