

ACE2 Antibody

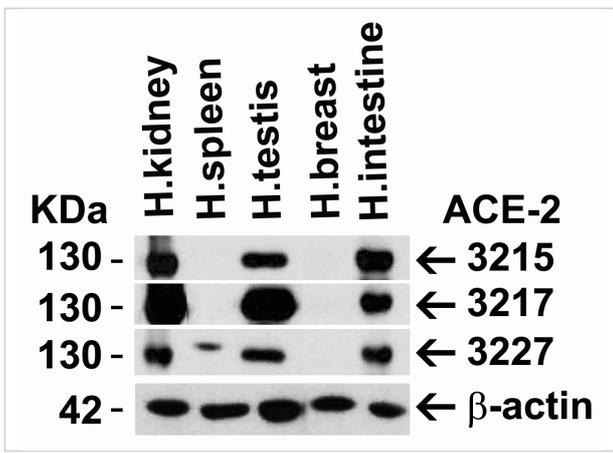
CATALOG NUMBER: 3227

Specifications

Host Species	Rabbit
Species Reactivity	Human, Mouse, Rat
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (86%)
Immunogen	Anti-ACE2 antibody (3227) was raised against a peptide corresponding to 14 amino acids near the amino terminus of human ACE2. The immunogen is located within the first 50 amino acids of ACE2.
Conjugate	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	Anti-ACE2 has no cross response to ACE1.
Predicted Molecular Weight	Predicted: 93kD Observed: 130 kD (7 N-linked glycosylation)

Properties

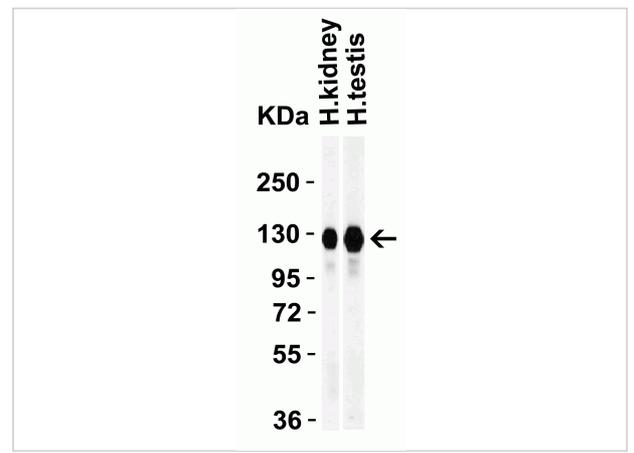
Purification	ACE2 Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	ACE2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	ACE2 antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.



ACE2 Antibody 1

Figure 1 Independent Antibody Validation (IAV) via Protein Expression Profile in Human Tissues

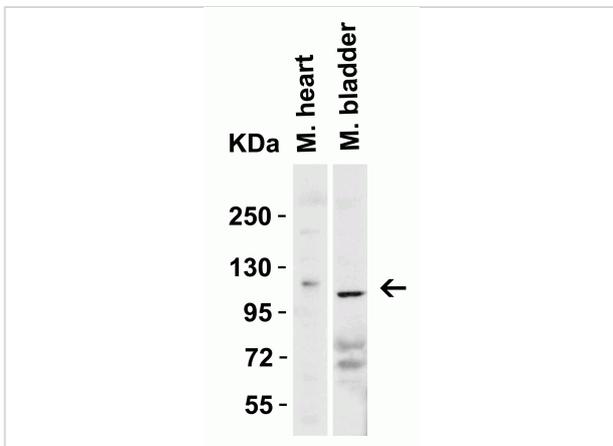
Loading: 15 µg of lysates per lane. Antibodies: ACE2, 3215 (2 µg/mL), ACE2, 3217 (2...



ACE2 Antibody 2

Figure 2 Western Blot Validation in Human Tissues

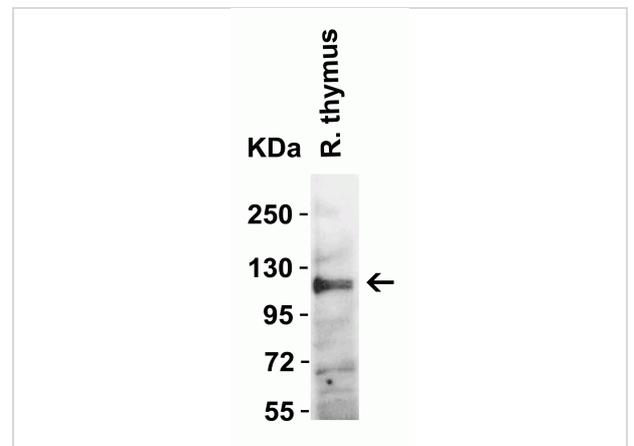
Loading: 15 µg of lysates per lane. Antibodies: ACE2, 3227 (1 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti...



ACE2 Antibody 3

Figure 3 Western Blot Validation in Mouse Tissues

Loading: 15 µg of lysates per lane. Antibodies: ACE2, 3227 (2 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti...



ACE2 Antibody 4

Figure 4 Western Blot Validation in Rat Thymus Tissue

Loading: 15 µg of lysates per lane. Antibodies: ACE2, 3227 (2 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat ...

Disclaimer

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Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

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