

Datasheet for ABIN768975
anti-ACE2 antibody (AA 684-733)



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	ACE2
Binding Specificity:	AA 684-733
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACE2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa684-733 of human ACE2 (Q9BYF1, NP_068576). Percent identity by BLAST analysis: Human, Orangutan, Gibbon, Marmoset (100%), Monkey, Galago, Mouse, Rat, Ferret, Panda, Dog, Cat, Bovine, Bat (92%), Horse, Pig, Opossum (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human ACE2
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Rat, Dog, Bovine (92%) Pig (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	ACE2
Alternative Name:	ACE2 / ACE-2 (ACE2 Products)
Background:	Name/Gene ID: ACE2 Subfamily: Metallopeptidase M2 Family: Protease Synonyms: ACE2, ACE-related carboxypeptidase, ACEH, Metalloprotease MPROT15
Gene ID:	59272
NCBI Accession:	NP_068576
UniProt:	Q9BYF1
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour

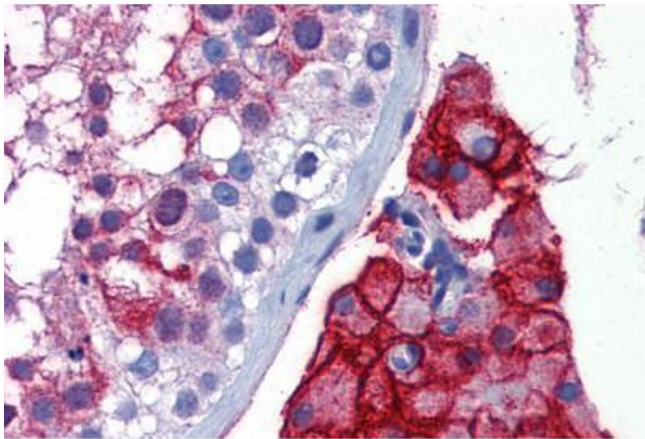
Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

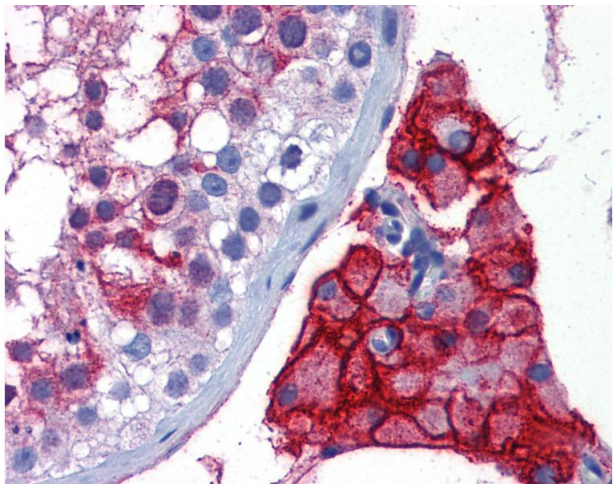
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-ACE-2 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...