

Datasheet for ABIN7140247
anti-ACE2 antibody (AA 105-118)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ACE2
Binding Specificity:	AA 105-118
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACE2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence from Rat Ace2 protein (105-118AA)
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	>95%, Antigen Affinity purified & Affinity purified

Target Details

Target:	ACE2
Alternative Name:	Ace2 (ACE2 Products)
Background:	Background: Carboxypeptidase which converts angiotensin I to angiotensin 1-9, a peptide of unknown function, and angiotensin II to angiotensin 1-7, a vasodilator. Also able to hydrolyze

Target Details

apelin-13 and dynorphin-13 with high efficiency. May be an important regulator of heart function. Plays an important role in amino acid transport by acting as binding partner of amino acid transporter SLC6A19 in intestine, regulating trafficking, expression on the cell surface, and its catalytic activity (By similarity).

Aliases: Ace2Angiotensin-converting enzyme 2 antibody, EC 3.4.17.23 antibody, ACE-related carboxypeptidase) [Cleaved into: Processed angiotensin-converting enzyme 2] antibody

UniProt: [Q5EGZ1](#)

Pathways: [ACE Inhibitor Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Feeding Behaviour](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

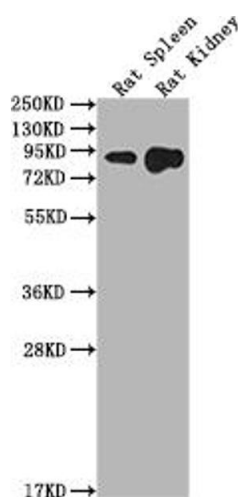
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: Rat Spleen tissue, Rat Kidney tissue All lanes: Ace2 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 93 kDa Observed band size: 93 kDa