

## Anti-ACE antibody

<b>Cat. No.</b>	ml160020
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-ACE rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human ACE
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.3 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	ACE
<b>Full name</b>	angiotensin I converting enzyme
<b>Synonyms</b>	DCP; ICH; ACE1; DCP1; CD143; MVCD3
<b>Swissprot</b>	P12821

### Target Background

This gene encodes an enzyme involved in catalyzing the conversion of angiotensin I into a physiologically active peptide angiotensin II. Angiotensin II is a potent vasopressor and aldosterone-stimulating peptide that controls blood pressure and fluid-electrolyte balance. This enzyme plays a key role in the renin-angiotensin system. Many studies have associated the presence or absence of a 287 bp Alu repeat element in this gene with the levels of circulating enzyme or cardiovascular pathophysiologies. Multiple alternatively spliced transcript variants encoding different isoforms have been identified, and two most abundant spliced variants encode the somatic form and the testicular form, respectively, that are equally active.

订购热线: 4008-898-798

**Applications**

**Western blotting**

Predicted band size:150 kDa

Positive control:Mouse kidney tissue

Recommended dilution: 1000-5000

Gel: 6%SDS-PAGE

Lysate: 40 µg

Lane: Mouse kidney tissue

Primary antibody: ml160020(ACE Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



**ELISA**

Recommended dilution:2000-10000

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