

Product datasheet

# Anti-Angiotensin Converting Enzyme 2 antibody ab15350

2 图像

概述

<b>产品名称</b>	Anti-Angiotensin Converting Enzyme 2抗体
<b>描述</b>	兔多克隆抗体to Angiotensin Converting Enzyme 2
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> IHC-P, ICC/IF, WB
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Synthetic peptide: CQSTIEEQAKTFLDK , corresponding to N terminal amino acids 2-18 of Human ACE2. (Peptide available as <a href="#">ab15353</a> .)
	<a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>阳性对照</b>	Human kidney or human testis cell lysate
<b>常规说明</b>	Doesn't cross react with ACE1

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C.
<b>存储溶液</b>	Preservative: 0.02% Sodium azide
<b>纯度</b>	Immunogen affinity purified
<b>Primary antibody说明</b>	Doesn't cross react with ACE1
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab15350** in the following tested applications.

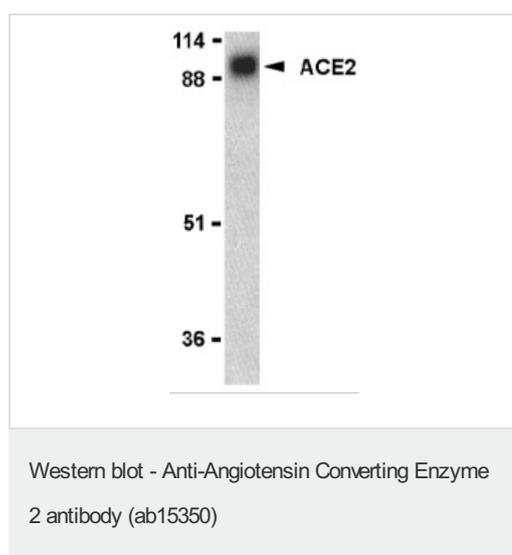
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明
IHC-P		Use a concentration of 2 µg/ml.
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 97 kDa). Can be blocked with <a href="#">Human Angiotensin Converting Enzyme 2 peptide (ab15353)</a> .

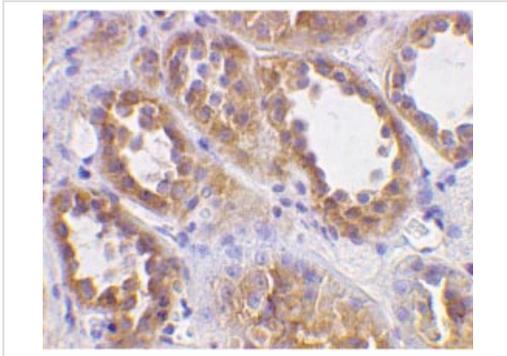
## 靶标

<b>功能</b>	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 apelin-13 and dynorphin-13 with high efficiency. May be an important regulator of heart function. In case of human coronaviruses SARS and HCoV-NL63 infections, serve as functional receptor for the spike glycoprotein of both coronaviruses.
<b>组织特异性</b>	Expressed in endothelial cells from small and large arteries, and in arterial smooth muscle cells. Expressed in lung alveolar epithelial cells, enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level). Expressed in heart, kidney, testis, and gastrointestinal system.
<b>序列相似性</b>	Belongs to the peptidase M2 family.
<b>翻译后修饰</b>	N-glycosylation on Asn-90 may limit SARS infectivity.
<b>细胞定位</b>	Secreted and Cell membrane.

## 图片



Western blot analysis of ACE2 in human kidney lysate with ab15350 at 1 µg/ml.



ab15350 at 2µg/ml staining Angiotensin Converting Enzyme 2 in human kidney cells by IHC

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Angiotensin Converting Enzyme 2 antibody (ab15350)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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