

Product Details

Summary

Product name	Anti ACE2 polyclonal antibody
Catalog#	ATP239
description	Produced in rabbits immunized with purified, Recombinant Human ACE-2 protein
Accession #	Q9BYF1
Alternative names	Angiotensin-converting enzyme 2, Angiotensin-converting enzyme homolog, ACEH, Angiotensin-converting enzyme-related carboxypeptidase, ACE-related carboxypeptidase, Metalloprotease MPROT15, Processed angiotensin-converting enzyme 2
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -84 °C for twelve months from the date of receipt.
Specificity	Recognizes Human ACE-2 protein
Isotype	IgG
Host	Rabbit
Clonality	Polyclonal
Conjugation	Unconjugate
Species reactivity	Homo sapiens (Human)
Tested applications	Elisa
Immunogen	Recombinant Human ACE-2 protein (Leu392-Ser740)

Background

Angiotensin-Converting Enzyme 2 (ACE-2) is an integral membrane protein and a zinc metalloprotease of the ACE family, the ACE family includes somatic and germinal ACE. ACE-2 cleaves angiotensins I and II as a carboxypeptidase, ACE-2 converts angiotensin I to angiotensin 1-9, and angiotensin II to angiotensin 1-7. ACE-2 is also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. ACE-2 can be highly expressed in testis, kidney and heart, in colon, small intestine and ovary at moderate levels. Captopril and lisinopril as the classical ACE inhibitor don't inhibit ACE-2 activity. ACE-2 may play an important role in regulating the heart function.

Product performance

Form Liquid

Buffer PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.

Concentration 0.96mg/ml

MW 92kDa

Application

Dilution Range Elisa: 1:4000~1:8000

Note

For research use only.

