

Product Name: ACE1 (17Q3) Rabbit Monoclonal Antibody
Catalog #: AMRe06480

Summary

Production Name	ACE1 (17Q3) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ACE
Alternative Names	Angiotensin-converting enzyme; somatic isoform precursor; CD143 antigen; DCP; DCP1; Dipeptidyl carboxypeptidase I; Kininase II;
Gene ID	1636.0
SwissProt ID	P12821.

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	150kDa

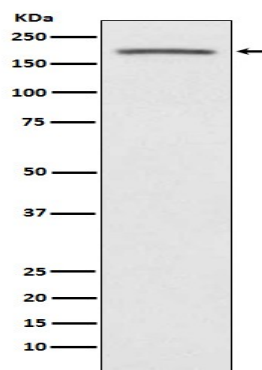
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Background

Converts angiotensin I to angiotensin II by release of the terminal His-Leu, this results in an increase of the vasoconstrictor activity of angiotensin. Also able to inactivate bradykinin, a potent vasodilator. Has also a glycosidase activity which releases GPI-anchored proteins from the membrane by cleaving the mannose linkage in the GPI moiety. Converts angiotensin I to angiotensin II by release of the terminal His-Leu, this results in an increase of the vasoconstrictor activity of angiotensin. Also able to inactivate bradykinin, a potent vasodilator. Has also a glycosidase activity which releases GPI-anchored proteins from the membrane by cleaving the mannose linkage in the GPI moiety.

Research Area

Image Data



Western blot analysis of ACE1 expression in human fetal kidney lysate.

Note

For research use only.