



Rabbit Anti-ACE2 monoclonal antibody, clone TO1865 (DCABH-120)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Angiotensin Converting Enzyme 2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TO1865
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC, IHC, IP
Molecular Weight	92 kDa
Cellular Localization	Secreted, Cell membrane, Cytoplasm.
Positive Control	293, MCF-7, HepG2, human breast carcinoma tissue, human kidney tissue, mouse kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Warnings	For research use only

BACKGROUND

Introduction	Angiotensin-converting enzyme (ACE) is a carboxyl-terminal dipeptidyl exopeptidase that converts angiotensin I to the potent vasopressive hormone, angiotensin II. There are two isoforms of ACE, the pulmonary ACEP and the testicular ACET. ACEP is a glycoprotein expressed in vascular endothelial cells of the lung, liver, adrenal cortex, pancreas, kidney and spleen. The ACET isoform is expressed exclusively in adult testis by developing sperm cells, specifically late pachytene spermatocytes. Additionally, ACE inactivates bradykinin, a vasodepressor peptide, and is involved in blood pressure regulation and fluid/electrolyte homeostasis. ACE2 is the first known human homolog of ACE. Unlike ACE, which is expressed ubiquitously throughout the vasculature, ACE2 is expressed only in cardiac, renal and testicular cells.
Keywords	ACE 2;ACE related carboxypeptidase;ACE-related carboxypeptidase;ACE2;ACE2_HUMAN;ACEH;Angiotensin converting enzyme 2;Angiotensin converting enzyme homolog;Angiotensin converting enzyme like protein;Angiotensin I Converting Enzyme (peptidyl dipeptidase A) 2;Angiotensin I converting enzyme 2;Angiotensin-converting enzyme homolog;DKFZP434A014;EC 3.4.17;metalloprotease MPROT 15;Metalloprotease MPROT15;OTTHUMP00000022963;Processed angiotensin-converting enzyme 2 antibody

GENE INFORMATION

Entrez Gene ID	367
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