

ACE Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250450

Unit: 0.1 mg

Description:

Angiotensin-converting enzyme (ACE) is important for blood pressure homeostasis through generation of the vasoconstrictor angiotensin II and inactivation of the vasodilator bradykinin. ACE is a carboxyl-terminal dipeptidyl exopeptidase which 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 140 kDa glycoprotein widely expressed in vascular endothelial cells. ACET is a 100 kDa protein expressed exclusively in adult testis by developing sperm cells.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, Rb, R

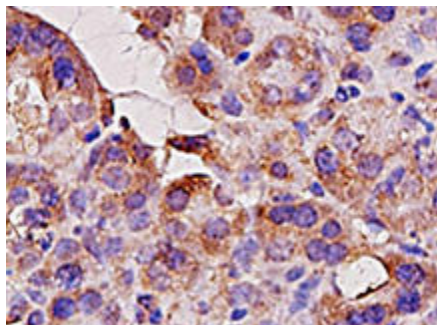
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Angiotensin-converting enzyme; dipeptidyl carboxypeptidase I; kininase II; CD143 antigen; ACE; DCP; DCP1

Accession No.: P12821

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ACE.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500



ACE staining in rat pancreas. Formalin-fixed paraffin-embedded rat pancreas tissue is stained with ACE Antibody (Cat. No. 250450) used at a 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Idris-Khodja N et al. 2012. Biomedical Life Sciences. Naunyn-Schmiedeberg's Archives of Pharmacology. 385(7): 749-758. PMID# 22526469. [2] Khodja N et al. 2012. Research Article.PLoS ONE. 7(2):e32039. PMID# 22384133.

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