

Datasheet for ABIN2613911

anti-Angiotensin I Converting Enzyme 1 antibody (AA 814-1071) (Biotin)



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1 Image

Overview

Quantity:	100 µL
Target:	Angiotensin I Converting Enzyme 1 (ACE)
Binding Specificity:	AA 814-1071
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin I Converting Enzyme 1 antibody is conjugated to Biotin
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant ACE (Arg814-Gln1071) expressed in E. coli.
	Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Human ACE / DCP1 / CD143
Purification:	Affinity purified

Target Details

Target:	Angiotensin I Converting Enzyme 1 (ACE)
Alternative Name:	ACE / CD143 (ACE Products)

Target Details

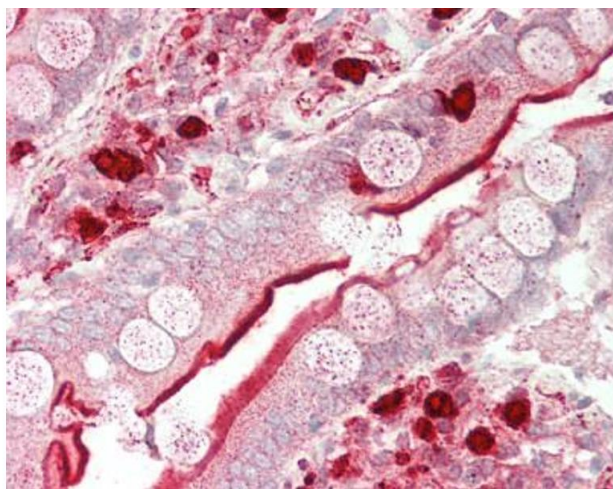
Background:	Name/Gene ID: ACE
	Subfamily: Metallopeptidase M2
	Family: Protease
	Synonyms: ACE, ACE1, Angiotensin-converting enzyme, CD143, CD143 antigen, Carboxycathepsin, DIPEPTIDYL CARBOXYPEPTIDASE, DCP, Dipeptidyl carboxypeptidase I, ICH, Kininase II, MVCD3, Peptidyl-dipeptidase A, Peptidase P, DCP1, Dipeptidyl carboxypeptidase 1, Testicular ECA
Gene ID:	1636
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	Approved: WB (1:100 - 1:400)
	Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.02 % sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Store frozen product at or below -20°C. Thawed product may be stored for 2-4 weeks at 4°C. For optimal storage, aliquot to smaller portions and store at -20°C to -70°C. Avoid freeze-thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE). This image was taken for the unconjugated form of this product. Other forms have not been tested.