

Rabbit anti-Human, Rat CORIN Polyclonal Antibody | anti-CORIN antibody

CORIN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231565	Rabbit	Human, Rat	Immunohistochemistry, ELISA

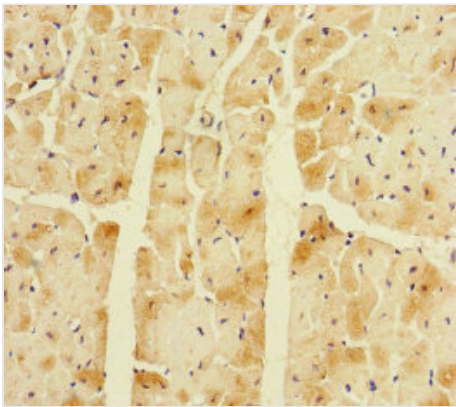
PRODUCT SYNONYMS

CORIN; Polyclonal Antibody; CORIN Antibody; Atrial natriuretic peptide-converting enzyme (EC 3.4.21.-) (Corin) (Heart-specific serine proteinase ATC2) (Pro-ANP-converting enzyme) (Transmembrane protease serine 10) [Cleaved into: Atrial natriuretic peptide-converting enzyme; N-terminal propeptide; Atrial natriuretic peptide-converting enzyme; activated protease fragment; 180 kDa soluble fragment; 160 kDa soluble fragment; 100 kDa soluble fragment]; CRN TMPRSS10; anti-CORIN antibody

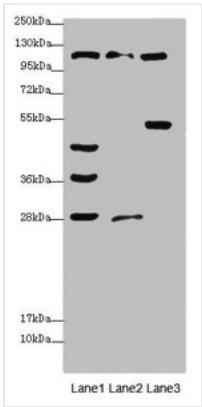
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	938
Applicable Applications for anti-CORIN antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Atrial natriuretic peptide-converting enzyme protein (N-110AA)
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Cell Biology
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human heart tissue using AAA231565 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: CORIN antibody at 3.78 ug/mL Lane 1: Rat heart tissueLane 2: Mouse liver tissueLane 3: HepG-2 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 117,114 kDaObserved band size: 116,49,45,36,28 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CORIN antibody	Serine-type endopeptidase involved in atrial natriuretic peptide hormone (NPPA) processing. Converts through proteolytic cleavage the non-functional propeptide NPPA into the active hormone, thereby regulating blood pressure in heart and promoting natriuresis, diuresis and vasodilation. Proteolytic cleavage of pro-NPPA also plays a role in female pregnancy by promoting trophoblast invasion and spiral artery remodeling in uterus. Also acts as a regulator of sodium reabsorption in kidney. May also process pro-NPPB the B-type natriuretic peptide.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	514961960
NCBI GeneID	10699
NCBI Accession #	NP_001265514.1
NCBI GenBank Nucleotide #	NM_001278585.1
UniProt Accession #	Q9Y5Q5; Q2TBD2; Q4W5E5; Q4W5G6; Q9UHY2; B0ZBE3
NCBI Official Full Name	atrial natriuretic peptide-converting enzyme isoform 2
NCBI Official Synonym Full Names	corin, serine peptidase
NCBI Official Symbol	CORIN
NCBI Official Synonym Symbols	CRN; ATC2; Lrp4; PEE5; TMPRSS10
NCBI Protein Information	atrial natriuretic peptide-converting enzyme
UniProt Protein Name	Atrial natriuretic peptide-converting enzyme
UniProt Gene Name	CORIN
UniProt Synonym Gene Names	CRN; TMPRSS10
UniProt Entry Name	CORIN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.