

Datasheet for ABIN891971

anti-Corin antibody (AA 165-245) (AbBy Fluor® 350)



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Overview

Quantity:	100 µL
Target:	Corin (CORIN)
Binding Specificity:	AA 165-245
Reactivity:	Human, Rat, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Corin antibody is conjugated to AbBy Fluor® 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Corin
Isotype:	IgG
Cross-Reactivity:	Human, Rat, Sheep
Predicted Reactivity:	Mouse,Dog,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Corin (CORIN)
Alternative Name:	Corin (CORIN Products)
Background:	Synonyms: CRN, ATC2, Lrp4, PEE5, TMPRSS10, Atrial natriuretic peptide-converting enzyme,

Target Details

Corin, Heart-specific serine proteinase ATC2, Pro-ANP-converting enzyme, Transmembrane protease serine 10

Background: 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. Isoform 2: has weaker endopeptidase activity compared to isoform 1.

Gene ID: 10699

UniProt: [Q9Y5Q5](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months