

Corin Antibody FITC Conjugated

Catalog No: #C06948F

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Description

Product Name	Corin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 207-248 1042 derived from human Corin
Conjugates	FITC
Target Name	Corin
Other Names	CRN; ATC2; Lrp4; PEE5; TMPRSS10; Atrial natriuretic peptide-converting enzyme; Corin; Heart-specific serine proteinase ATC2; Pro-ANP-converting enzyme; Transmembrane protease serine 10
Accession No.	Swiss-Prot#Q9Y5Q5NCBI Gene ID10699
Uniprot	Q9Y5Q5
GeneID	10699;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1 mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

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.

Note: This product is for in vitro research use only