



Mouse anti-Human CORIN monoclonal antibody, clone 6C7 (CABT-B10021)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CORIN (NP_006578, 616 a.a. ~ 716 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	6C7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	CKERDLWECPSNKQCLKHTVICDGFPCPDYMDEKNCFCQDDELECANHACVSRLWCD GEADCSDSSDEWDCVTLSINVNSSFLMVHRAATEHHVCA*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the type II transmembrane serine protease class of the trypsin superfamily. Members of this family are composed of multiple structurally distinct domains. The
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encoded protein converts pro-atrial natriuretic peptide to biologically active atrial natriuretic peptide, a cardiac hormone that regulates blood volume and pressure. This protein may also function as a pro-brain-type natriuretic peptide convertase. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

Keywords	CORIN; corin, serine peptidase; CRN; ATC2; Lrp4; PEE5; TMPRSS10; atrial natriuretic peptide-converting enzyme; heart-specific serine proteinase ATC2; pro-ANP-convertase; pro-ANP-converting enzyme; transmembrane protease serine 10;
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GENE INFORMATION

Entrez Gene ID	10699
UniProt ID	Q9Y5Q5
Pathway	Myometrial Relaxation and Contraction Pathways, organism-specific biosystem
Function	peptidase activity; scavenger receptor activity; serine-type endopeptidase activity; serine-type exopeptidase activity
