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Datasheet for ABIN1393835

**anti-LMCD1 antibody (AA 51-160) (Alexa Fluor 555)**

## Overview

Quantity:	100 µL
Target:	LMCD1
Binding Specificity:	AA 51-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMCD1 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LMCD1
Isotype:	IgG
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	LMCD1
Alternative Name:	LMCD1 ( <a href="#">LMCD1 Products</a> )
Background:	Synonyms: Dyxin, LIM and cysteine rich domains 1, LIM and cysteine rich domains protein 1,

## Target Details

LIM and cysteine-rich domains protein 1, LMCD1\_HUMAN.

Background: Transcriptional cofactor that restricts GATA6 function by inhibiting DNA-binding, resulting in repression of GATA6 transcriptional activation of downstream target genes.

Represses GATA6-mediated trans activation of lung- and cardiac tissue-specific promoters.

Inhibits DNA-binding by GATA4 and GATA1 to the cTNC promoter (By similarity). Plays a critical role in the development of cardiac hypertrophy via activation of calcineurin/nuclear factor of activated T cells signaling pathway.

## 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