

Datasheet for ABIN1411730
anti-LMCD1 antibody (AA 51-160) (HRP)



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Overview

Quantity:	100 µL
Target:	LMCD1
Binding Specificity:	AA 51-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMCD1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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 (LMCD1 Products)
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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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Restrictions:	For Research Use only
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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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months