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Datasheet for ABIN7158339

**anti-LMCD1 antibody (AA 105-268) (HRP)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg                                   |
| Target:              | LMCD1                                    |
| Binding Specificity: | AA 105-268                               |
| Reactivity:          | Human                                    |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This LMCD1 antibody is conjugated to HRP |
| Application:         | ELISA                                    |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human LIM and cysteine-rich domains protein 1 protein (105-268AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | LMCD1   |
| Alternative Name: | LMCD1 ( <a href="#">LMCD1 Products</a> )  |
| Background:       | Background: Transcriptional cofactor that restricts GATA6 function by inhibiting DNA-binding, resulting in repression of GATA6 transcriptional activation of downstream target genes. |

## Target Details

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.

Aliases: Dyxin antibody, LIM and cysteine rich domains 1 antibody, LIM and cysteine rich domains protein 1 antibody, LIM and cysteine-rich domains protein 1 antibody, LMCD1 antibody, LMCD1\_HUMAN antibody

UniProt: [Q9NZU5](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.