

## Rabbit LHX1 Polyclonal Antibody | anti-LHX1 antibody

Rabbit anti-LHX1 Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA221199</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

LHX1; Polyclonal Antibody; Rabbit anti-LHX1 Antibody; LIM-1; LIM1; LIM/homeobox protein Lhx1; LIM homeobox protein 1; Homeobox protein Lim-1; hLim-1; anti-LHX1 antibody

### PRODUCT SPECIFICATIONS

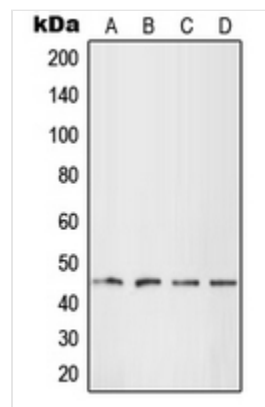
|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                          |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                           |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                              |
| Applicable Applications for anti-LHX1 antibody | IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LHX1. The exact sequence is proprietary. |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                           |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of LHX1 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of LHX1 expression in HEK293T (A), HepG2 (B), SP2/O (C), H9C2 (D) whole cell lysates.

ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-LHX1 antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 30410785                                                                  |
| NCBI GeneID                      | 3975                                                                      |
| NCBI Accession #                 | NP_005559.2                                                               |
| NCBI GenBank Nucleotide #        | NM_005568.3                                                               |
| UniProt Accession #              | P48742; P63006; P63007                                                    |
| Molecular Weight                 | 44,808 Da                                                                 |
| NCBI Official Full Name          | LIM/homeobox protein Lhx1                                                 |
| NCBI Official Synonym Full Names | LIM homeobox 1                                                            |
| NCBI Official Symbol             | LHX1                                                                      |
| NCBI Official Synonym Symbols    | LIM1; LIM-1                                                               |
| NCBI Protein Information         | LIM/homeobox protein Lhx1; LIM homeobox protein 1; homeobox protein Lim-1 |
| UniProt Protein Name             | LIM/homeobox protein Lhx1                                                 |
| UniProt Gene Name                | LHX1                                                                      |
| UniProt Synonym Gene Names       | LIM-1; LIM1; LIM homeobox protein 1; hLim-1                               |
| UniProt Entry Name               | LHX1_HUMAN                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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