

LDB1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54655

Product Information

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| Application | WB, IHC-P, IHC-F, IF, ICC, E |
| Primary Accession | Q86U70 |
| Reactivity | Rat, Dog |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 46533 |

Additional Information

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|--------------------|---|
| Gene ID | 8861 |
| Other Names | LIM domain-binding protein 1, LDB-1, Carboxyl-terminal LIM domain-binding protein 2, CLIM-2, LIM domain-binding factor CLIM2, hLdb1, Nuclear LIM interactor, LDB1, CLIM2 |
| Dilution | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| Format | 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce |
| Storage | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

Protein Information

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| Name | LDB1 |
| Synonyms | CLIM2 |
| Function | Binds to the LIM domain of a wide variety of LIM domain- containing transcription factors. May regulate the transcriptional activity of LIM-containing proteins by determining specific partner interactions. Plays a role in the development of interneurons and motor neurons in cooperation with LHX3 and ISL1. Acts synergistically with LHX1/LIM1 in axis formation and activation of gene expression. Acts with LMO2 in the regulation of red blood cell development, maintaining erythroid precursors in an immature state. |
| Cellular Location | Nucleus {ECO:0000250 UniProtKB:P70662}. Note=Colocalizes with SLK at leading edges {ECO:0000250 UniProtKB:P70662} |
| Tissue Location | Expressed in a wide range of adult tissues including brain, heart, skeletal |

muscle, colon, thymus, spleen, kidney, liver, small intestine, lung and peripheral blood leukocytes

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.