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LDB1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54655

Product Information

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

Additional Information

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
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

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'.