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Product datasheet for TA319355

Ldb1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:425,000, WB: 1:500 - 1:3,000, ChIP: User Optimized
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding aa 361-373 of mouse LDB1 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	LIM domain binding 1
Database Link:	NP_034827 Entrez Gene 8861 HumanEntrez Gene 309447 RatEntrez Gene 16825 Mouse P70662
Synonyms:	CLIM-2; CLIM2; hLdb1; NLI
Note:	LDB1 is also known as CLIM 2, LIM Domain Binding 1, NLI and Nuclear LIM Domain Interactor. The LIM-domain binding protein binds to the LIM domain of LIM homeodomain proteins which are transcriptional regulators of development. Nuclear LIM interactor (NLI) / LIM domain-binding protein 1 (LDB1) is located in the nuclei of neuronal cells during development, it is co-expressed with Isl1 in early motor neuron differentiation and has a suggested role in the Isl1 dependent development of motor neurons. It is suggested that these proteins act synergistically to enhance transcriptional efficiency by acting as co-factors for LIM homeodomain and Otx class transcription factors, both of which have essential roles in development.

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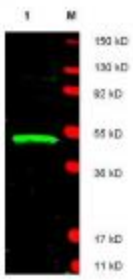
Product images:



WB using Anti-LDB1 antibody shows detection of LDB1 protein (arrowhead) in Jurkat whole cell lysate. Approximately 30 ug of lysate was loaded prior to separation and transfer to nitrocellulose. Primary antibody was used at a 1:1, 800 dilution. The membrane was washed and reacted with a 1:20,000 dilution of DyLight™800 conjugated Gt-a-Rabbit IgG [H&L] for 45 min at RT. Molecular weight estimation was made by comparison to prestained MW markers in lane M (700 nm channel, red).