



Anti-LDB2 polyclonal antibody (CABT-BL2136)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	A region within synthetic peptide: DGPkRYTIGR TLIPRYFSTV FEGGVTDLYY ILKHSKESYH NSSITVDCDQ, corresponding to N terminal amino acids 73-122 of Human LDB2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, WB
Cellular Localization	Nucleus.
Format	Liquid
Buffer	2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Genes encoding LIM domain-binding factors were initially isolated in a screen for proteins that physically interact with the LIM domains of nuclear proteins (summarized by Semina et al., 1998 (PubMed 9799849)). These proteins, such as the one encoded by the LDB2 gene, are capable of binding to a variety of transcription factors and are likely to function at enhancers to bring together diverse transcription factors and form higher order activation complexes or
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to;block formation of such complexes (Jurata and Gill, 1997 (PubMed 9315627)). The family of genes encoding LIM;domain-binding factors includes 2 members isolated from the mouse, Clim1 (Bach et al., 1997 (PubMed 9192866)) and;Clim2/Lbd1/Nli (Agulnick et al., 1996 (PubMed 8918878); Jurata et al., 1996 (PubMed 8876198); Bach et al., 1997;(PubMed 9192866)) and their homologs cloned from the frog, chicken, and fly. The fact that LIM domain-binding factors;are likely to be involved in the coordination of the transcriptional activity of many diverse factors might implicate;them in human phenotypes characterized by multiple affected sites.

GENE INFORMATION

Entrez Gene ID	9079
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Protein Refseq	NP_001124306
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UniProt ID	O43679
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