10320 Camino Santa Fe, Suite G
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LDB2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14378b

Specification

LDB2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O43679

LDB2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 9079

Other Names
LIM domain-binding protein 2, LDB-2, Carboxyl-terminal LIM domain-binding protein 1, CLIM-1, LIM domain-binding factor CLIM1, LDB2, CLIM1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LDB2 Antibody (C-term) Blocking Peptide - Protein Information

Name LDB2

Synonyms CLIM1

Function
Transcription cofactor. Binds to the LIM domain of a wide variety of LIM domain-containing transcription factors.

Cellular Location
Nucleus.

LDB2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

LDB2 Antibody (C-term) Blocking Peptide - Images

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LDB2 Antibody (C-term) Blocking Peptide - Background

Genes encoding LIM domain-binding factors were initiallyisolated in a screen for proteins that physically interact with theLIM domains of nuclear proteins (summarized by Semina et al., 1998[PubMed 9799849]). These proteins, such as the one encoded by theLDB2 gene, are capable of binding to a variety of transcriptionfactors and are likely to function at enhancers to bring togetherdiverse transcription factors and form higher order activationcomplexes or to block formation of such complexes (Jurata and Gill,1997 [PubMed 9315627]). The family of genes encoding LIMdomain-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 theirhomologs cloned from the frog, chicken, and fly. The fact that LIMdomain-binding factors are likely to be involved in thecoordination of the transcriptional activity of many diversefactors might implicate them in human phenotypes characterized bymultiple affected sites.

LDB2 Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Hagg, S., et al. PLoS Genet. 5 (12), E1000754 (2009) :Colland, F., et al. Genome Res. 14(7):1324-1332(2004)Kotaka, M., et al. J. Cell. Biochem. 78(4):558-565(2000)Bach, I., et al. Nat. Genet. 22(4):394-399(1999)