

Datasheet

PDLIM5 polyclonal antibody (A02)

Catalog Number: H00010611-A02

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length recombinant PDLIM5.

Immunogen: PDLIM5 (AAH08741, 1 a.a. ~ 596 a.a) full-length recombinant protein with GST tag.

Sequence:

MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDG
GKAAQANVRIGDVVLSIDGINAQQGMTHLEAQNKIKGCT
GSLNMTLQRASAAPKPEPVPVQKGEPEVVKVPVITS
PAVSKVTSTNNMAYNKAPRPFQSVSSPKVTSIPSPSS
AFTPAHATTSSHASPSVAAVTPPLFAASGLHANANLS
ADQSPSALSAGKTAVNVPRQPTVTSVCSETSQELAEG
QRRGSQGDSKQQNGPPRKHIVERYTEFYHVPHTSDA
SKKRLIEDTEDWRPRTGTTQSRFRILAQITGTEHLKE
SEADNTKKANNSQEPSPQLASSVASTRSMPELDSPT
SGRPGVTSLTAAAFKPVGSGTGVKSPSWQRPNQGV
STGRISNSAAYSGSVAPANSALGQTQPSDQDTLVQRA
EHIPAGKRTPMCAHCNQVIRGPFVLVALGKSWHPEEFN
CAHCKNTMAYIGFVEEKGALYCELCYEKFFAPECGRC
QRKILGEVINALKQTHVSCFVCVACGKPIRNNVFHLE
DGEPYCETDYALFGTICHGCEFPFIEAGDMFLEALGYT
WHDTCFVCSVCCESLEGQTFFSKKDKPLCKKHAHSV
NF

Host: Mouse

Reactivity: Human, Mouse

Applications: ELISA, WB-Ce, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10611

Gene Symbol: PDLIM5

Gene Alias: ENH, ENH1, L9, LIM

Gene Summary: The protein encoded by this gene is a LIM domain protein. LIM domains are cysteine-rich double zinc fingers composed of 50 to 60 amino acids that are involved in protein-protein interactions. LIM domain-containing proteins are scaffolds for the formation of multiprotein complexes. The proteins are involved in cytoskeleton organization, cell lineage specification, organ development, and oncogenesis. The encoded protein is also a member of the Enigma class of proteins, a family of proteins that possess a 100-amino acid PDZ domain in the N terminus and 1 to 3 LIM domains in the C terminus. Multiple transcript variants encoding different isoforms have been found for this gene, although not all of them have been fully characterized. [provided by RefSeq]

References:

1. Loss of Enigma Homolog Protein Results in Dilated Cardiomyopathy. Cheng H, Kimura K, Peter AK, Cui L, Ouyang K, Shen T, Liu Y, Gu Y, Dalton ND, Evans SM, Knowlton KU, Peterson KL, Chen J. *Circ Res.* 2010 Jun 10. [Epub ahead of print]