

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-PDLIM5 (Y251) Peptide

Cat No.: BS4820P

Background

PDLIM5 (PDZ and LIM domain 5), also known as L9, ENH (Enigma homolog), LIM or ENH1, is a member of the Enigma family of proteins. Proteins belonging to this family contain an N-terminal PDZ (post-synaptic density-95/discs large/zone occludens-1) domain and one to three C-terminal LIM domains that typically associate with various isoforms of PKC (protein kinase C). Expressed in a wide variety of tissues, PDLIM5 contains three LIM zinc-binding domains and one PDZ domain. In the brain, PDLIM5 colocalizes with synaptic vesicles of neurotransmitters and regulates neuronal calcium signaling through an interaction with PKC ϵ and N-type Ca^{++} CP α 1B (N-type calcium channel α 1B subunit). Expression of PDLIM5 is often increased in the brain of patients with schizophrenia, major depression and bipolar disorder. This suggests that PDLIM5 may contribute to the genetic susceptibility of such conditions.

Swiss-Prot

Q96HC4

Applications

Blocking

Specificity

This peptide can be used with studies using BS4820 p-PDLIM5 (Y251) pAb.

Purification & Purity

Synthetic peptide p-PDLIM5 (Y251). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

1660 South Highway 100, Suite 500 St. Louis Park, MN
55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co, Ltd.

No 9, weidi road Qixia District Nanjing, 210046,
P, R.China.

Email: info@biogot.com

Tel: +86-025-68037686 Fax: +86-025-68035151