10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PIP5KL1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP11297a

Specification

PIP5KL1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q5T9C9

PIP5KL1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 138429

Other Names
Phosphatidylinositol 4-phosphate 5-kinase-like protein 1, PI(4)P 5-kinase-like protein 1, PtdIns(4)P-5-kinase-like protein 1, PIP5KL1

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.

PIP5KL1 Antibody (N-term) Blocking peptide - Protein Information

Name PIP5KL1

Function
May act as a scaffold to localize and regulate type I PI(4)P 5-kinases to specific compartments within the cell, where they generate PI(4,5)P2 for actin nucleation, signaling and scaffold protein recruitment and conversion to PI(3,4,5)P3.

Cellular Location
Cytoplasm. Membrane. Note=Localized to large cytoplasmic vesicular structures.

PIP5KL1 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

PIP5KL1 Antibody (N-term) Blocking peptide - Images

PIP5KL1 Antibody (N-term) Blocking peptide - Background

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PIP5KL1 is a phosphoinositide kinase-like protein thatlacks intrinsic lipid kinase activity but associates with type IPIPKs (see PIP5K1A; MIM 603275) and may play a role in localizationof PIPK activity (Chang et al., 2004 [PubMed 14701839]).[suppliedby OMIM].

PIP5KL1 Antibody (N-term) Blocking peptide - References

Shi, L., et al. Mol. Biol. Rep. 37(5):2189-2198(2010)Lamesch, P., et al. Genomics 89(3):307-315(2007)Chang, J.D., et al. J. Biol. Chem. 279(12):11672-11679(2004)