

PIK3IP1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13792b**Specification**

PIK3IP1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q96FE7](#)

PIK3IP1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 113791

Other Names

Phosphoinositide-3-kinase-interacting protein 1, Kringle domain-containing protein HGFL, PIK3IP1, HGFL

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13792b was selected from the C-term region of PIK3IP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

PIK3IP1 Antibody (C-term) Blocking peptide - Protein Information

Name PIK3IP1

Synonyms HGFL

Function

Negative regulator of hepatic phosphatidylinositol 3-kinase (PI3K) activity.

Cellular Location

Cell membrane; Single-pass type I membrane protein

PIK3IP1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PIK3IP1 Antibody (C-term) Blocking peptide - Images

PIK3IP1 Antibody (C-term) Blocking peptide - Background

PIK3IP1 is a novel protein that shares homology with the p85 subunit of phosphatidylinositol-3-Kinases (PI3Ks). The PI3K is essential for cell proliferation and Survival. The PIK3IP down regulates the activity of the PI3K and induces apoptosis by associating with p85 and p110 to form a complex, using the p85-like domain. However, there is no evidence to suggest that the PIK3IP1 prevents association of p85 and p110 as they associate with very high affinity.

PIK3IP1 Antibody (C-term) Blocking peptide - References

Gao, P., et al. Beijing Da Xue Xue Bao 40(6):572-577(2008)He, X., et al. Cancer Res. 68(14):5591-5598(2008)Zhu, Z., et al. Biochem. Biophys. Res. Commun. 358(1):66-72(2007)Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :