

ABI3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10155a

Specification

ABI3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O9P2A4](#)
Other Accession [NP_057512.1](#), [NP_001128658.1](#)

ABI3 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 51225

Other Names

ABI gene family member 3, New molecule including SH3, Nesh, ABI3, NESH

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.

ABI3 Antibody (N-term) Blocking peptide - Protein Information

Name ABI3

Synonyms NESH

Function

May inhibit tumor metastasis (By similarity). In vitro, reduces cell motility.

Cellular Location

Cytoplasm. Note=Colocalizes with PAK2 at leading edge of cells

Tissue Location

Expressed in heart, lung, liver, pancreas, kidney, placenta and at low levels in brain and skeletal muscle

ABI3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ABI3 Antibody (N-term) Blocking peptide - Images

ABI3 Antibody (N-term) Blocking peptide - Background

This gene encodes a member of an adaptor protein family. Members of this family encode proteins containing a homeobox homology domain, proline rich region and Src-homology 3 (SH3) domain, and are components of the Abi/WAVE complex which regulates Rac-dependent actin polymerization. The encoded protein inhibits ectopic metastasis of tumor cells as well as cell migration. This may be accomplished through interaction with p21-activated kinase.

ABI3 Antibody (N-term) Blocking peptide - References

Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Hirao, N., et al. FEBS Lett. 580(27):6464-6470(2006) Ichigotani, Y., et al. Int. J. Mol. Med. 9(6):591-595(2002) Ichigotani, Y., et al. Cancer Res. 62(8):2215-2219(2002) Matsuda, S., et al. J. Hum. Genet. 46(8):483-486(2001)