

PHACTR3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12836a

Specification

PHACTR3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q96KR7](#)

PHACTR3 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 116154

Other Names

Phosphatase and actin regulator 3, Scaffold-associated PP1-inhibiting protein, Scapinin, PHACTR3, C20orf101, SCAPIN1

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.

PHACTR3 Antibody (N-term) Blocking peptide - Protein Information

Name PHACTR3

Synonyms C20orf101, SCAPIN1

Cellular Location

Nucleus matrix. Note=Localized to the nuclear matrix-intermediate filament scaffold. Isoform 2 is also found in some cytoplasmic extensions

Tissue Location

Abundantly expressed in brain. Also found in several tumors such as lung carcinomas, nervous tumors and HL-60 leukemia cells. Isoform 3 is the major form in U-937, GOTO and HL-60 leukemia cells

PHACTR3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PHACTR3 Antibody (N-term) Blocking peptide - Images**PHACTR3 Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene is associated with the nuclear scaffold in proliferating cells. It was found to bind to the catalytic subunit of protein phosphatase-1 (PP1) and inhibit PP1 activity, suggesting that this protein may function as a regulatory subunit of PP1. Alternative splicing at this locus results in several transcript variants encoding different isoforms.

PHACTR3 Antibody (N-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Bankovic, J., et al. Lung Cancer 67(2):151-159(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Sagara, J., et al. PLoS ONE 4 (1), E4247 (2009) :