

RIT1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14501a**Specification****RIT1 Antibody (N-term) Blocking Peptide -
Product Information**Primary Accession [Q92963](#)**RIT1 Antibody (N-term) Blocking Peptide -
Additional Information**

Gene ID 6016

Other Names

GTP-binding protein Rit1, Ras-like protein expressed in many tissues, Ras-like without CAAX protein 1, RIT1, RIBB, RIT, ROC1

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.

**RIT1 Antibody (N-term) Blocking Peptide -
Protein Information**

Name RIT1

Synonyms RIBB, RIT, ROC1

Function

Plays a crucial role in coupling NGF stimulation to the activation of both EPHB2 and MAPK14 signaling pathways and in NGF-dependent neuronal differentiation. Involved in ELK1 transactivation through the Ras-MAPK signaling cascade that mediates a wide variety of cellular

**RIT1 Antibody (N-term) Blocking Peptide -
Background**

RIT belongs to the RAS (HRAS; MIM 190020) subfamily of small GTPases (Hynds et al., 2003 [PubMed 12668729]). [supplied by OMIM].

**RIT1 Antibody (N-term) Blocking Peptide -
References**

Lee, Y.R., et al. EMBO J. 29(10):1748-1761(2010) Katiyar, S., et al. EMBO Rep. 10(8):866-872(2009) Sonuga-Barke, E.J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1359-1368 (2008) :Hu, J., et al. Genes Dev. 22(7):866-871(2008) Wu, C., et al. Proteomics 7(11):1775-1785(2007)

functions, including cell proliferation, survival, and differentiation.

Cellular Location

Cell membrane.

Tissue Location

Expressed in many tissues.

**RIT1 Antibody (N-term) Blocking Peptide -
Protocols**

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

- [Blocking Peptides](#)