10320 Camino Santa Fe, Suite G
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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 functions, including cell proliferation, survival, and differentiation.

Cellular Location
Cell membrane.

Tissue Location
Expressed in many tissues.

RIT1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RIT1 Antibody (N-term) Blocking Peptide - Images

RIT1 Antibody (N-term) Blocking Peptide - Background

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

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)