

RMI1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16875a**Specification**

RMI1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9H9A7](#)

RMI1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 80010

Other Names

RecQ-mediated genome instability protein 1, BLM-associated protein of 75 kDa, BLAP75, FAAP75, RMI1, C9orf76

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.

RMI1 Antibody (N-term) Blocking Peptide - Protein Information

Name RMI1

Synonyms C9orf76

Function

Essential component of the RMI complex, a complex that plays an important role in the processing of homologous recombination intermediates to limit DNA crossover formation in cells. Promotes TOP3A binding to double Holliday junctions (DHJ) and hence stimulates TOP3A-mediated dissolution. Required for BLM phosphorylation during mitosis. Within the BLM complex, required for BLM and TOP3A stability.

Cellular Location

Nucleus. Note=Forms foci in response to DNA damage

RMI1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RMI1 Antibody (N-term) Blocking Peptide - Images

RMI1 Antibody (N-term) Blocking Peptide - Background

RMI1 is a component of protein complexes that limit DNA crossover formation via the dissolution of double Holliday junctions (Raynard et al., 2006 [PubMed 16595695]).[supplied by OMIM].

RMI1 Antibody (N-term) Blocking Peptide - References

Yang, J., et al. J. Biol. Chem. 285(28):21426-21436(2010) Frank, B., et al. Carcinogenesis 31(3):442-445(2010) Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) :Luedeke, M., et al. Cancer Epidemiol. Biomarkers Prev. 18(11):3030-3035(2009) Broberg, K., et al. BMC Cancer 9, 140 (2009) :