

RM11 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16875a**Specification**

RM11 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9H9A7
Other Accession	NP_079221.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	70144
Antigen Region	105-133

RM11 Antibody (N-term) - Additional Information**Gene ID** 80010**Other Names**

RecQ-mediated genome instability protein 1, BLM-associated protein of 75 kDa, BLAP75, FAAP75, RM11, C9orf76

Target/Specificity

This RM11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-133 amino acids from the N-terminal region of human RM11.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RM11 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RM11 Antibody (N-term) - Protein Information**Name** RM11**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

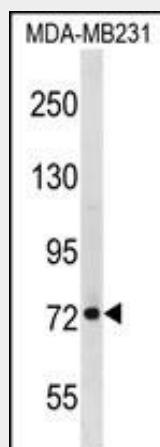
Nucleus. Note=Forms foci in response to DNA damage

RMI1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RMI1 Antibody (N-term) - Images



RMI1 Antibody (N-term) (Cat. #AP16875a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the RMI1 antibody detected the RMI1 protein (arrow).

RMI1 Antibody (N-term) - 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) - 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) :