

**BRD9 Antibody (N-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP18588a**Specification****BRD9 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9H8M2](#)**BRD9 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 65980

**Other Names**Bromodomain-containing protein 9,  
Rhabdomyosarcoma antigen MU-RMS-408,  
BRD9**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.

**BRD9 Antibody (N-term) Blocking Peptide - Protein Information**

Name BRD9

**Function**

Plays a role in chromatin remodeling and regulation of transcription (PubMed:&lt;a href="http://www.uniprot.org/citations/22464331" target="\_blank"&gt;22464331&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/26365797" target="\_blank"&gt;26365797&lt;/a&gt;). Acts as a chromatin reader that recognizes and binds acylated histones: binds histones that are

**BRD9 Antibody (N-term) Blocking Peptide - Background**

BRD9 is a bromodomain containing protein, which are known to bind to acetylated lysine residues.

**BRD9 Antibody (N-term) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Scotto, L., et al. Mol. Cancer 7, 58 (2008) :Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

acetylated and/or butyrylated (PubMed:<a href="http://www.uniprot.org/citations/26365797" target="\_blank">26365797</a>).  
Component of SWI/SNF chromatin remodeling subcomplex GBAF that carries out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner (PubMed:<a href="http://www.uniprot.org/citations/29374058" target="\_blank">29374058</a>).  
Orchestrates also the RAD51-RAD54 complex formation and thereby plays a role in homologous recombination (HR) (PubMed:<a href="http://www.uniprot.org/citations/32457312" target="\_blank">32457312</a>).

### **BRD9 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)