

BRD9 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18588a**Specification**

BRD9 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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:22464331, PubMed:26365797). Acts as a chromatin reader that recognizes and binds acylated histones: binds histones that are acetylated and/or butyrylated (PubMed:26365797). 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:29374058). Orchestrates also the RAD51-RAD54 complex formation and thereby plays a role in homologous recombination (HR) (PubMed:32457312).

Cellular Location

Nucleus.

BRD9 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

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