

BRD1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8048a**Specification**

BRD1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O95696](#)**BRD1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 23774**Other Names**

Bromodomain-containing protein 1, BR140-like protein, Bromodomain and PHD finger-containing protein 2, BRD1, BRL, BRPF2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8048a](/product/products/AP8048a) was selected from the N-term region of human BRD1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

BRD1 Antibody (N-term) Blocking Peptide - Protein Information**Name** BRD1 {ECO:0000303|PubMed:16387653, ECO:0000312|HGNC:HGNC:1102}**Function**

Scaffold subunit of various histone acetyltransferase (HAT) complexes, such as the MOZ/MORF and HBO1 complexes, that acts as a regulator of hematopoiesis (PubMed: [16387653](http://www.uniprot.org/citations/16387653), PubMed: [21753189](http://www.uniprot.org/citations/21753189), PubMed: [21880731](http://www.uniprot.org/citations/21880731)). Plays a key role in HBO1 complex by directing KAT7/HBO1 specificity towards histone H3 'Lys-14' acetylation (H3K14ac), thereby promoting erythroid differentiation (PubMed: [21753189](http://www.uniprot.org/citations/21753189)).

Cellular Location

Nucleus. Chromosome Note=Localizes to transcription start sites

Tissue Location

Highly expressed in testis.

BRD1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BRD1 Antibody (N-term) Blocking Peptide - Images**BRD1 Antibody (N-term) Blocking Peptide - Background**

This gene encodes a protein of unknown function. The protein contains a bromodomain, a sequence motif often found in transcriptional coactivators, and localizes to the nucleus in testis and several other cell types.

BRD1 Antibody (N-term) Blocking Peptide - References

McCullagh, P., et al., Oncogene 18(52):7442-7452 (1999). Dunham, I., et al., Nature 402(6761):489-495 (1999). Haynes, S.R., et al., Nucleic Acids Res. 20 (10), 2603 (1992).