

BRD1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP14018a**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 AP14018a was selected from the N-term region of 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, PubMed:21753189, PubMed: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).

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, testis, and several other cell types.

BRD1 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ;Kushima, I., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (3), 786-791 (2010) ;Nyegaard, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (2), 582-591 (2010) ;Bjarkam, C.R., et al. Brain Struct Funct 214(1):37-47(2009)Olsen, J.V., et al. Cell 127(3):635-648(2006)