

BRD2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8049c**Specification****BRD2 Antibody (Center) Blocking Peptide -
Product Information**Primary Accession [P25440](#)**BRD2 Antibody (Center) Blocking Peptide -
Additional Information****Gene ID** 6046**Other Names**Bromodomain-containing protein 2, O2711,
Really interesting new gene 3 protein,
BRD2, KIAA9001, RING3**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8049c](/product/products/AP8049c) was selected from the Center region of human BRD2. 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.

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Protein Information****Name** BRD2**BRD2 Antibody (Center) Blocking Peptide -
Background**

BRD2 is a mitogen-activated kinase which localizes to the nucleus. The gene maps to the major histocompatibility complex (MHC) class II region on chromosome 6p21.3 but sequence comparison suggests that the protein is not involved in the immune response. Homology to the Drosophila gene female sterile homeotic suggests that this human protein may be part of a signal transduction pathway involved in growth control.

**BRD2 Antibody (Center) Blocking Peptide -
References**

Pal, D.K., et al., Am. J. Hum. Genet. 73(2):261-270 (2003).Crowley, T.E., et al., Mol. Endocrinol. 16(8):1727-1737 (2002).Denis, G.V., et al., Cell Growth Differ. 11(8):417-424 (2000).Taniguchi, Y., et al., Genomics 51(1):114-123 (1998).Thorpe, K.L., et al., Immunogenetics 44(5):391-396 (1996).

Synonyms KIAA9001, RING3

Function

May play a role in spermatogenesis or folliculogenesis (By similarity). Binds hyperacetylated chromatin and plays a role in the regulation of transcription, probably by chromatin remodeling. Regulates transcription of the CCND1 gene. Plays a role in nucleosome assembly.

Cellular Location

Nucleus. Note=Detected on chromatin and nucleosomes

BRD2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)