

**BDP (ARID3B) Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP1481c****Specification**

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**BDP (ARID3B) Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q8IVW6](#)**BDP (ARID3B) Antibody (Center) Blocking peptide - Additional Information****Gene ID** 10620**Other Names**

AT-rich interactive domain-containing protein 3B, ARID domain-containing protein 3B, Bright and dead ringer protein, Bright-like protein, ARID3B, BDP, DRIL2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1481c](/product/products/AP1481c) was selected from the Center region of human ARID3B. 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.

**BDP (ARID3B) Antibody (Center) Blocking peptide - Protein Information****Name** ARID3B**Synonyms** BDP, DRIL2**Function**

Transcription factor which may be involved in neuroblastoma growth and malignant transformation. Favors nuclear targeting of ARID3A.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00355, ECO:0000269|PubMed:10446990, ECO:0000269|PubMed:17400556}

**Tissue Location**

Expressed in placenta, testis and leukocytes. Expressed in neuroblastoma. Present in K-562

erythrocytic leukemia cell line (at protein level).

### **BDP (ARID3B) Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **BDP (ARID3B) Antibody (Center) Blocking peptide - Images**

### **BDP (ARID3B) Antibody (Center) Blocking peptide - Background**

ARIDB3 is a member of the ARID (AT-rich interaction domain) family of DNA-binding proteins. This protein is homologous with two proteins that bind to the retinoblastoma gene product, and also with the mouse Bright and Drosophila dead ringer proteins. A pseudogene on chromosome 1p31 exists for the ARIDB3 gene. Members of the ARID family have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification.

### **BDP (ARID3B) Antibody (Center) Blocking peptide - References**

Kortschak,R.D., Trends Biochem. Sci. 25 (6), 294-299 (2000)Numata,S., Cancer Res. 59 (15), 3741-3747 (1999)