

BDP (ARID3B) Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP1481b

Specification

BDP (ARID3B) Antibody (C-term) - Product Information

WB, IHC-P,E Application **Primary Accession Q8IVW6** Reactivity Human Host Rabbit Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 60637 Antigen Region 409-439

BDP (ARID3B) Antibody (C-term) - 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

This BDP (ARID3B) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 409-439 amino acids from the C-terminal region of human BDP (ARID3B).

Dilution

WB~~1:1000 IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

BDP (ARID3B) Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

BDP (ARID3B) Antibody (C-term) - Protein Information

Name ARID3B

Synonyms BDP, DRIL2





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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

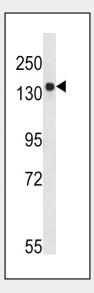
Expressed in placenta, testis and leukocytes. Expressed in neuroblastoma. Present in K-562 erythrocytic leukemia cell line (at protein level).

BDP (ARID3B) Antibody (C-term) - Protocols

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

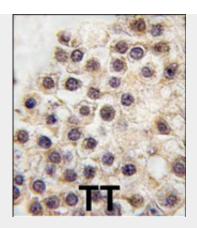
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BDP (ARID3B) Antibody (C-term) - Images



Western blot analysis of ARIDB3 Antibody (C-term) (Cat. #AP6348d) in K562 cell line lysates (35ug/lane). ARIDB3 (arrow) was detected using the purified Pab.





Formalin-fixed and paraffin-embedded human testis tissue reacted with ARIDB3 antibody (C-term) (Cat.#AP1481b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

BDP (ARID3B) Antibody (C-term) - 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. 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 (C-term) - References

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