



Rabbit Anti-BDP antibody

SL12580R

Product Name:	BDP
Chinese Name:	神经母细胞瘤相关蛋白ARID3B抗体
Alias:	BDP / ARID3B; ARI3B_HUMAN; ARID domain containing protein 3B; ARID domain-containing protein 3B; Arid3b; AT rich interactive domain 3B BRIGHT like; AT rich interactive domain containing protein 3B; AT-rich interactive domain-containing protein 3B; Bright and dead ringer gene product homologous protein Bdp; Bright and dead ringer protein; Bright like; Bright-like protein; Brightlike; DRIL2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	61kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human BDP/ARID3B:251-350/561
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	ARID3B represents a member of a unique family of DNA-binding proteins that have roles in cell lineage gene regulation, cell cycle control, embryonic patterning and transcriptional regulation. ARID3B localizes to the nucleus and contains an AT-rich

interactive domain (ARID) which has DNA-binding capabilities. Functioning as a transcription factor, ARID3B associates in a heterodimer with the related protein ARID3A and is believed to play an important role in neural crest survival during embryogenesis. In addition, ARID3B may participate in malignant transformation and neuroblastoma growth, suggesting a possible use of ARID3B as a tumor marker for neuroblastoma.

Function:

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

Subunit:

Heterodimer with ARID3A. Interacts with unphosphorylated RB1.

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed in placenta, testis and leukocytes. Expressed in neuroblastoma. Present in K562 erythrocytic leukemia cells (at protein level).

Similarity:

Contains 1 ARID domain.

Contains 1 REKLES domain.

SWISS:

Q8IVW6

Gene ID:

10620

Database links:

[Entrez Gene: 56380](#)Mouse

[Entrez Gene: 367092](#)Rat

[SwissProt: Q9Z1N7](#)Mouse

[Unigene: 425588](#)Mouse

[Unigene: 18259](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

