

Product datasheet for **TA343610**

ARID3B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ARID3B antibody: synthetic peptide directed towards the C terminal of human ARID3B. Synthetic peptide located within the following region: AQKPVVHLITGSAPQSLGSSASSSSSSHCSPSTSSRGTPSAEPSTSWSL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	AT-rich interaction domain 3B
Database Link:	NP_006456 Entrez Gene 10620 Human Q8IYW6



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Background:

ARID3B is a member of the ARID (AT-rich interaction domain) family of DNA-binding proteins. The 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. This gene is a member of the ARID (AT-rich interaction domain) family of proteins which bind DNA. It 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 also exists for this gene. Other ARID family members have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification. This gene is a member of the ARID (AT-rich interaction domain) family of proteins which bind DNA. It 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 also exists for this gene. Other ARID family members have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification.

Synonyms:

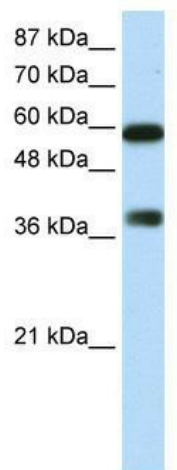
BDP; DRIL2

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 93%; Guinea pig: 93%

Protein Families:

Stem cell - Pluripotency

Product images:

WB Suggested Anti-ARID3B Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: HepG2 cell lysate. ARID3B is supported by BioGPS gene expression data to be expressed in HepG2