

OriGene Technologies, Inc.

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Product datasheet for TA332112

Retinoblastoma binding protein 1 (ARID4A) Rabbit Polyclonal Antibody

Product data:

| Product Type: | Primary Antibodies |
|-------------------------|---|
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| lsotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for Anti-ARID4A Antibody: synthetic peptide directed towards the C terminal of human ARID4A. Synthetic peptide located within the following region: NSSKCTPVKHLNVSKPQKLARSPARISPHIKDGEKDKHREKHPNSSPRTY |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 143 kDa |
| Gene Name: | AT-rich interaction domain 4A |
| Database Link: | <u>NP_002883</u> <u>Entrez Gene 5926 Human</u> <u>P29374</u> |
| Background: | ARID4A encodes a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein (pRB) which regulates cell proliferation. pRB represses transcription by recruiting the encoded protein. This protein, in turn, serves as a bridging molecule to recruit HDACs and, in addition, provides a second HDAC-independent repression function. The encoded protein possesses transcriptional repression activity. Multiple alternatively spliced transcripts have been observed for this gene, although not all transcript variants have been fully described. |
| Synonyms: | RBBP-1; RBBP1; RBP-1; RBP1 |

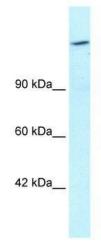


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| | Retinoblastoma binding protein 1 (ARID4A) Rabbit Polyclonal Antibody – TA332112 |
|-------|--|
| Note: | Immunogen sequence homology: Dog: 100%; Horse: 100%; Human: 100%; Rat: 93%; Mouse: 92%; Pig: 86%; Bovine: 86%; Rabbit: 86%; Guinea pig: 79% |

Protein Families: Druggable Genome, Transcription Factors

Product images:



WB Suggested Anti-ARID4A Antibody Titration: 1.25ug/ml; Positive Control: HepG2 cell lysate

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