

Datasheet for ABIN2777742  
**anti-ARID4A antibody (C-Term)**[Go to Product page](#)

1 Image

1 Publication

## Overview

Quantity:	100 µL
Target:	ARID4A
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Cow, Mouse, Pig, Rabbit, Rat, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID4A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ARID4A
Sequence:	NSSKCTPVKH LNVSKPQKLA RSPARISPHI KDGEKDKHRE KHPNSSPTY
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 86%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ARID4A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	ARID4A
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## Target Details

Alternative Name:	ARID4A ( <a href="#">ARID4A Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: RBP1, RBBP1, RBP-1, RBBP-1</p> <p>Protein Interaction Partner: SUMO2, SUMO1, HDAC1, BRMS1, HIST2H3C, HIST4H4, UBC, CDK2, CDK1, CCNE1, CCNB1, CCNA2, CCND1, CDK4, SIN3A, SAP30, RB1, SIN3B, RBBP7, RBBP4, ARID4B, HDAC3, EID1, HDAC2, ING2, RBL1,</p> <p>Protein Size: 1257</p>
Molecular Weight:	143 kDa
Gene ID:	5926
NCBI Accession:	<a href="#">NM_002892</a> , <a href="#">NP_002883</a>
UniProt:	<a href="#">P29374</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1257 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Timmusk, Merlot, Lövgren, Järvekülg, Berg, Fossum: "Regulator of G protein signalling 16 is a target for a porcine circovirus type 2 protein." in: <b>The Journal of general virology</b> , Vol. 90, Issue Pt 10, pp. 2425-36, (2009) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

**Image 1.** WB Suggested Anti-ARID4A Antibody Titration:  
1.25ug/ml Positive Control: HepG2 cell lysate