

Datasheet for ABIN1105440
anti-ARID4A antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	ARID4A
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Cow, Mouse, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID4A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for anti-ARID4A antibody: synthetic peptide directed towards the C terminal of human ARID4A.
Sequence:	NSSKCTPVKH LNVSKPQKLA RSPARISPHI KDGEKDKHRE KHPNSSPRTY
Cross-Reactivity (Details):	Species reactivity (expected):Dog, Mouse, Rat, Bovine, ChickenSpecies reactivity (tested):Human
Purification:	Purified using Protein A affinity column

Target Details

Target:	ARID4A
Alternative Name:	ARID4A (ARID4A Products)

Target Details

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: ARID domain-containing protein 4A, AT-rich interactive domain-containing protein 4A, RBBP-1, RBBP1, RBP1, Retinoblastoma-binding protein 1

Gene ID: 5926

NCBI Accession: [NP_002883](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Reconstitution: Add 100 µL of distilled water to a final concentration of 1 mg/mL.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store lyophilized at 2-8 °C or at -20 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -20 °C long term.



Western Blotting

Image 1. Human HepG2; WB Suggested Anti-ARID4A Antibody Titration: 1.25ug/ml. Positive Control: HepG2 cell lysate; ARID4A antibody - C-terminal region in Human HepG2 cells using Western Blot