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## Datasheet for ABIN6992134 **anti-ARID1A antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	ARID1A
Binding Specificity:	AA 580-630, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID1A antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	ARID1A antibody was raised against an 18 amino acid peptide near the amino terminus of human ARID1A. The immunogen is located within amino acids 580 - 630 of ARID1A.
Isotype:	IgG
Specificity:	ARID1A antibody is human, mouse and rat reactive. Multiple isoforms of ARID1A protein are known to exist.
Purification:	ARID1A antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	ARID1A
Alternative Name:	ARID1A ( <a href="#">ARID1A Products</a> )

## Target Details

Background:	<p>The ARID1A protein is a member of the SWI/SNF family, whose members are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. ARID1A is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin (1). It possesses a DNA-binding domain that can specifically bind an AT-rich DNA sequence known to be recognized by a SNF/SWI complex at the beta-globin locus. The C-terminus of the protein can stimulate glucocorticoid receptor-dependent transcriptional activation. It is thought that ARID1A confers specificity to the SNF/SWI complex and may recruit the complex to its targets through either protein-DNA or protein-protein interactions (2).</p>
Molecular Weight:	<p>Predicted: 133, 227, 251 kDa</p> <p>Observed: 130, 260 kDa</p>
Gene ID:	8289
NCBI Accession:	<a href="#">NP_006006</a>
UniProt:	<a href="#">O14497</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Tube Formation</a>

## Application Details

Application Notes:	<p>ARID1A antibody can be used for detection of ARID1A by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.</p> <p>Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ARID1A antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

## Handling

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should be handled by trained staff only.

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Storage: -20 °C, 4 °C

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Storage Comment: ARID1A antibody can be stored at 4°C for three months and -20°C, stable for up to one year.