Datasheet for ABIN2777639

anti-ARID3A antibody (Middle Region)

2 Images

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Overview

Quantity:	100 µL
Target:	ARID3A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Guinea Pig, Zebrafish (Danio rerio), Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ARID3A
Sequence:	QAAIDSNRRE GRRQSFGGSL FAYSPGGAHG MLSSPKLPVS SLGLAASTNG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against ARID3A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ARID3A

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Target Details

Alternative Name:	ARID3A (ARID3A Products)
Background:	ARID3A is a member of the ARID (AT-rich interaction domain) family of proteins which bind DNA. 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 was found by its homology to the Drosophila dead ringer gene, which is important for normal embryogenesis. Other ARID family members have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification. Alias Symbols: DRIL1, DRIL3, BRIGHT, E2FBP1 Protein Interaction Partner: NOTCH2NL, TTC32, UBC, SOX2, TP53BP1, APP, UBE2E3, TP53, SP100, PML, E2F4, E2F2, RL2, ELAVL1, SUMO2, BTK, E2F1, DSP, Protein Size: 593
Molecular Weight:	63 kDa
Gene ID:	1820
NCBI Accession:	NM_005224, NP_005215
UniProt:	Q99856
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 593 AA
Restrictions:	For Research Use only

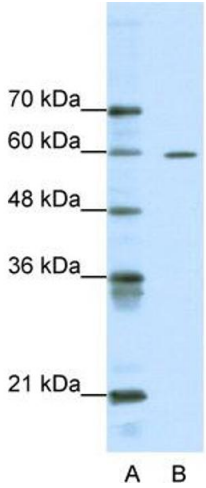
Handling

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

Handling

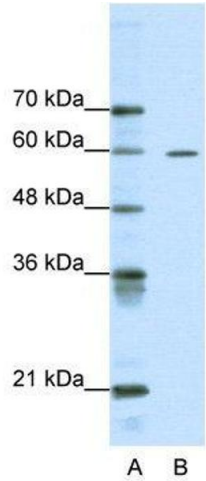
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ARID3A Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate ARID3A is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-ARID3A

Antibody Titration: 0.2-1 µg/mL

Positive Control: HepG2 cell lysate

ARID3A is supported by BioGPS gene expression data to be expressed in HepG2