Datasheet for ABIN2780778

anti-ARID3B antibody (C-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	ARID3B
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Mouse, Pig, Cow, Rat, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID3B 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 ARID3B
Sequence:	AQKPVVHLIT GSAPQSLGSS ASSSSSSHCS PSPTSSRGTP SAEPSTSWSL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ARID3B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ARID3B

Target Details

Alternative Name:	ARID3B (ARID3B Products)
Background:	ARID3B is a member of the ARID (AT-rich interaction domain) family of DNA-binding proteins. The protein is homologous with two proteins that bind to the retinoblastoma gene product, and also with the mouse Bright and Drosophila dead ringer proteins. Members of the ARID family 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 is homologous with two proteins that bind to the retinoblastoma gene product and also with the mouse Bright and Drosophila dead ringer proteins. A pseudogene on chromosome 1p31 also exists for this gene. 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 is homologous with two proteins that bind to the retinoblastoma gene product and also with the mouse Bright and Drosophila dead ringer proteins. A pseudogene on chromosome 1p31 also exists for this gene. 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: BDP, DRIL2 Protein Interaction Partner: SOX2, APP, TINF2, POT1, UBC, IRF9, MEPCE, CDK9, RB1, Protein Size: 560
Molecular Weight:	61 kDa
Gene ID:	10620
NCBI Accession:	NM_006465, NP_006456
UniProt:	O95443

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 560 AA
Restrictions:	For Research Use only

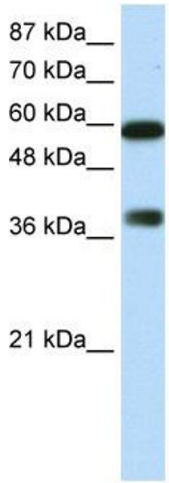
Handling

Format:	Liquid

Handling

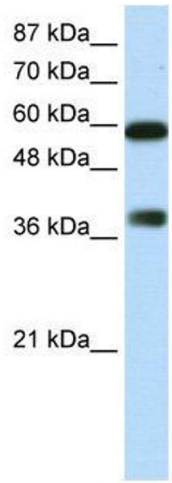
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling 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-ARID3B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate ARID3B is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-ARID3B

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: HepG2 cell lysate

ARID3B is supported by BioGPS gene expression data to be expressed in HepG2