

Datasheet for ABIN2784295
anti-ARID5B antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ARID5B
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Horse, Rabbit, Rat, Guinea Pig, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ARID5B
Sequence:	VSPLDPSKEV SGKEKASEQE SEGSKAAHGG HSGGGSEGHK LPLSSPIFPG
Predicted Reactivity:	Cow: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ARID5B. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ARID5B
Alternative Name:	ARID5B (ARID5B Products)
Background:	ARID5B is a DNA-binding protein that binds to the 5'-AATA[CT]-3' core sequence. ARID5B probably acts as a transcription regulator. ARID5B represses the cytomegalovirus enhancer.

Target Details

Overexpression of ARID5B leads to induction of smooth muscle marker genes, suggesting that it may act as a regulator of smooth muscle cell differentiation and proliferation. ARID5B may be involved in lipid stores.

Alias Symbols: DESRT, FLJ21150, MRF2, MRF-2

Protein Interaction Partner: UBC, SOX2, HDAC2, HDAC1, SUMO1, CAND1, ISG15, ELAVL1, SUMO2,

Protein Size: 1188

Molecular Weight: 132 kDa

Gene ID: 84159

NCBI Accession: [NM_032199](#), [NP_115575](#)

UniProt: [Q14865](#)

Pathways: [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

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

Comment: Antigen size: 1188 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 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.



Western Blotting

Image 1. WB Suggested Anti-ARID5B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate ARID5B is supported by BioGPS gene expression data to be expressed in HepG2

Western Blotting

Image 2. WB Suggested Anti-ARID5B Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate ARID5B is supported by BioGPS gene expression data to be expressed in HepG2