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# Datasheet for ABIN7467982 anti-ARID5B antibody



Overview

Quantity:	100 µL
Target:	ARID5B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ARID5B. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

#### Target Details

Target:	ARID5B
Alternative Name:	AT-rich interaction domain 5B (ARID5B Products)
Background:	Synonyms: AT-rich interaction domain 5B , DESRT , MRF-2 , MRF2
	Background: This gene encodes a member of the AT-rich interaction domain (ARID) family of

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### Target Details

	DNA binding proteins. The encoded protein forms a histone H3K9Me2 demethylase complex
	with PHD finger protein 2 and regulates the transcription of target genes involved in
	adipogenesis and liver development. This gene also plays a role in cell growth and
	differentiation of B-lymphocyte progenitors, and single nucleotide polymorphisms in this gene
	are associated with acute lymphoblastic leukemia. Alternatively spliced transcript variants
	encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]
Molecular Weight:	132 kDa
Gene ID:	84159
UniProt:	Q14865
Pathways:	Platelet-derived growth Factor Receptor Signaling
Application Details	
Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
	Not tested in other applications.
Comment:	Positive Control: HeLa nuclear extract Validation: Orthogonal
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.63 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should b handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

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