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Datasheet for ABIN2784294 anti-ARID5B antibody (N-Term)

Image



Overview

Quantity:	100 µL
Target:	ARID5B
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Horse, Rabbit, Rat, Guinea Pig, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID5B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ARID5B
Sequence:	FLPEDTPQGR NSDHGEDEVI AVSEKVIVKL EDLVKWVHSD FSKWRCGFHA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ARID5B. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
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Target:

ARID5B

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Target Details	
Alternative Name:	ARID5B (ARID5B Products)
Background:	 This gene encodes a member of the AT-rich interaction domain (ARID) family of 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. Alias Symbols: DESRT, MRF-2, MRF2 Protein Interaction Partner: UBC, SOX2, HDAC2, HDAC1, SUMO1, CAND1, ISG15, ELAVL1, SUMO2, Protein Size: 318
Molecular Weight:	34 kDa
Gene ID:	84159
NCBI Accession:	NM_032199, NP_115575
Pathways:	Platelet-derived growth Factor Receptor Signaling

Application Details

Restrictions:	For Research Use only
Restrictions.	i of Research ose only

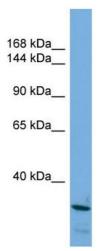
Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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

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aliquots to prevent freeze-thaw cycles.

Validation report #100034 for Immunohistochemistry (IHC)



Western Blotting

Image 1. Host: Rabbit Target Name: ARID5B Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml ARID5B is supported by BioGPS gene expression data to be expressed in HepG2