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Datasheet for ABIN5531881 anti-PRDM6 antibody (N-Term)

Image



Overview

Quantity:	400 µL
Target:	PRDM6
Binding Specificity:	AA 44-72, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PRDM6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-72 amino acids from the N-terminal region of human PRDM6.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PRDM6
Alternative Name:	PRDM6 (PRDM6 Products)
Background:	Putative histone methyltransferase that acts as a transcriptional repressor of smooth muscle
	suppressing differentiation and maintaining the proliferative potential of vascular smooth

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Target Details

transcriptional repression (By similarity).
'Lys-20' of histone H4 in vitro. 'Lys-20' methylation represents a specific tag for epigenetic
methyltransferase activity when associated with other proteins and specifically methylates
represses transcription by recruiting EHMT2/G9a. According to others, it possesses histone
vivo. According to some authors, it does not act as a histone methyltransferase by itself and
survival and differentiation. It is unclear whether it has histone methyltransferase activity in
muscle cells. Also plays a role in endothelial cells by inhibiting endothelial cell proliferation,

Molecular Weight:	64 kDa
Gene ID:	93166
UniProt:	Q9NQX0
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.35 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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Western Blotting

Image 1. Western blot analysis in Jurkat cell line lysates (35ug/lane).

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