## នុ ARID1A/BAF250A (D2A8U) Rabbit mAb





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Applications: W, IHC-P, ChIP	<b>Reactivity:</b> H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 270	<b>Source/Isotype:</b> Rabbit IgG	<b>UniProt ID:</b> #O14497	Entrez-Gene Id: 8289
Product Usage Information		For optimal ChIP resul IP. This antibody has b <b>Application</b> Western Blotting Immunohistochemisti Chromatin IP	een validated using	ody and 10 μg of chrom g SimpleChIP <sup>®</sup> Enzymati	atin (approximately c Chromatin IP Kits. <b>Dilution</b> 1:1000 1:500 - 1:20 1:100	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody. For a carrier free (BSA and azide free) version of this product see product #87655.				
Specificity/Sen	sitivity	ARID1A/BAF250A (D2A8U) Rabbit mAb recognizes endogenous levels of total ARID1A/BAF250A proteir This antibody also cross-reacts with proteins of unknown origin at 65 kDa.				VBAF250A protein.
Source / Purifi	cation			nunizing animals with a s ARID1A/BAF250A protei		prresponding to
Background		processes such as trar remodeling complex of BRG1 as the ATPase ca and changes the acces accessory subunits pla various transcription f transcription factors, s complex to target gen processes (1,6-9). ARID1A is one of the a (mouse embryonic stee differentiation into me	nscription and DNA onsists of more that atalytic subunit. The sibility of crucial re- actors and chroma such as nuclear rec- es for regulation of ccessory subunits m cell specific SWL esoderm-derived ca- uently mutated in s	mplexes play an essenti replication and repair (1 an 10 subunits and conta e activity of the ATPase s egulatory elements to th to maintain stability an tin (2-5). The interactions eptors, p53, Rb, BRCA1, a f gene activation, cell gro of the SWI/SNF complex /SNF complex). ARID1A is ardiomyocytes and adipo several cancers such as u na (11-13).	,2). The SWI/SNF ch ains a single molect ubunit disrupts hist e chromatin. The ac d provide surfaces s between SWI/SNF and MyoD, facilitate owth, cell cycle, and that is an essential s critical for ES cell p cytes (10). In additi	aromatin ule of either BRM or cone-DNA contacts dditional core and for interaction with subunits and e recruitment of the differentiation part of the esBAF pluripotency and on, ARID1A has
Background R	eferences	3. Eberharter, A. and B 4. Bowman, G.D. (2010 5. Gangaraju, V.K. and	z, W. (2002) Annu F ecker, P.B. (2004) J D Curr Opin Struct Bartholomew, B. (2 abtree, G.R. (2010) J 008) Front Biosci 1. 8) J Cell Biochem 10 Cell Physiol 207, 309 1) Am J Surg Patho ) Proc Natl Acad Sc 0) Science 330, 228	Rev Biochem 71, 247-73. Cell Sci 117, 3707-11. Biol 20, 73-81. 2007) Mutat Res 618, 3-1 Annu Rev Cell Dev Biol 26 3, 5522-32. 04, 1580-6. 9-14. I 35, 625-32. i U S A 105, 6656-61. -31.		
Species Reacti	vity	Species reactivity is de	termined by testin	g in at least one approve	d application (e.g.,	western blot).
Western Blot E	Buffer			membrane with diluted with gentle shaking, ove		n 5% w/v nonfat

Applications Key	W: Western Blotting IHC-P: Immunohistochemistry (Paraffin) ChIP: Chromatin IP	
Cross-Reactivity Key	H: Human M: Mouse R: Rat Mk: Monkey	
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