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Datasheet for ABIN6971466 anti-BRD8 antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	BRD8
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ChIP DNA-Sequencing (ChIP-seq), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	This BRD8 / SMAP2 antibody was raised against a peptide corresponding to amino acids within the N-terminal region of human BRD8
lsotype:	lgG
Characteristics:	BRD8 (Bromodomain-containing protein 8, SMAP2, TRCP120) is a member of the
	Bromodomain-containing family of chromatin associated proteins. BRD8 is a member of the
	NuA4 histone acetyltransferase complex, involved in the transcriptional activation of specific
	genes through the acetylation of histones H2A and H4. BRD8 contains two Bromodomains, a
	motif that has been demonstrated to facilitate interaction with acetylated histones. BRD8 /
	SMAP2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin
	Immunoprecipitation, ChIP-Seq and Western blot, it has been shown to react with Human
	samples.

Purification:

Affinity Purified

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Target Details		
Target:	BRD8	
Alternative Name:	BRD8 / SMAP2 (BRD8 Products)	
Molecular Weight:	145 kDa	
NCBI Accession:	NP_006687	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Buffer:	Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % 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:	-20 °C	
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at - 20°C for up to 2 years. Keep all reagents on ice when not in storage.	

Images

105	
195	Western Blotting
— 142	Image 1. Western blot of BRD8 / SMAP2 antibody. Nuclear
96	extract of HeLa cells (30 $\mu g)$ probed with BRD8 / SMAP2
71	antibody (1:500).
48	
33	
28	

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ChIP DNA-Sequencing

Image 2. BRD8 / SMAP2 antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 30 μ g of chromatin from an adenocarcinoma cell line and 10 μ L of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 20 million sequence tags were mapped to identify BRD8 / SMAP2 binding sites. The image shows binding across a region of chromosome 9. You can view the complete data set in the UCSC Genome Browser, starting at this specific location, here.

