Datasheet for ABIN6952374

anti-BRD4 antibody (N-Term)

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Overview

Quantity:	50 µg
Target:	BRD4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Chromatin Immunoprecipitation (ChIP), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Immunogen:	synthetic peptide
Specificity:	Polyclonal antibody raised in rabbit against human BRD4 (Bromodomain Containing 4), using two KLH-conjugated synthetic peptides from the N-terminal and central part of the protein, respectively.
Purification:	Peptide affinity purified

Target Details

Target:	BRD4
Alternative Name:	BRD4 (BRD4 Products)
Background:	BRD4 (UniProt/Swiss-Prot entry O60885) is a chromatin reader protein that binds acetylated

Target Details

	histones. It remains associated with acetylated chromatin throughout the entire cell cycle and provides epigenetic memory for gene transcription by preserving an acetylated chromatin status. As such, it plays a key role in the transmission of epigenetic memory across cell divisions. BRD4 promotes phosphorylation of Ser-2 of the C-terminal domain (CTD) of RNA polymerase II and plays a key role in regulating the transcription of signal-inducible genes. It has been implicated in a translocation of chromosome 19 which causes an upper respiratory tract carcinoma.
UniProt:	O60885
Pathways:	Chromatin Binding, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	ChIP 2 µg:ChIP ELISA 1:10,000 WB 1:1,000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.6 µg/µL
Buffer:	PBS, 0.05 % azide, 0.05 % ProClin300
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