

Datasheet for ABIN7265947  
**anti-BRD4 antibody (pSer1083)**



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1 Image

## Overview

Quantity:	100 µL
Target:	BRD4
Binding Specificity:	pSer1083
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Phospho-BRD4-S1083 Rabbit mAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1050 to 1150 of human Phospho-BRD4-S1083 (NP_490597.1).
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

## Target Details

Target:	BRD4
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## Target Details

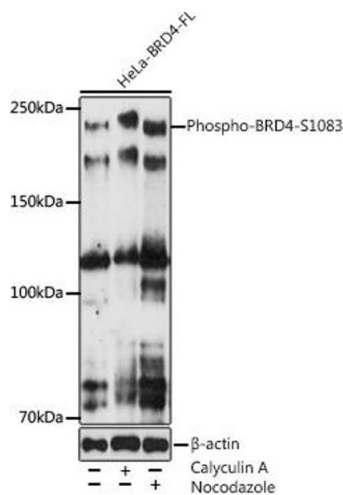
Alternative Name:	BRD4 ( <a href="#">BRD4 Products</a> )
Background:	<p>The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15,19)(q13,p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described.,BRD4, CAP, HUNK1, HUNKI, MCAP, bromodomain containing 4,Epigenetics &amp; Nuclear Signaling,Cancer,Tumor suppressors,Signal Transduction,Kinase,Serine/threonine kinases,BRD4</p>
Molecular Weight:	80kDa/88kDa/152kDa
Gene ID:	23476
UniProt:	<a href="#">O60885</a>
Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using Phospho-BRD4-S1083 antibody (ABIN7265947) at 1:500 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. HeLa cells were treated by nocodazole (50 ng/mL) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 300s.