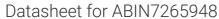
antibodies .- online.com







anti-BRD4 antibody (pThr204)

Images



Overview

Quantity:	100 μL
Target:	BRD4
Binding Specificity:	pThr204
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-BRD4-T204 Rabbit mAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding T204 of human BRD4.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	BRD4
Alternative Name:	BRD4 (BRD4 Products)

Target Details

Background:

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. [provided by RefSeq, Jul 2008],BRD4, CAP, HUNK1, HUNKI, MCAP, bromodomain containing 4,Cancer,Epigenetics & Nuclear Signaling,Kinase,Kinase_Serine/threonine kinases,Signal Transduction,Tumor suppressors,BRD4

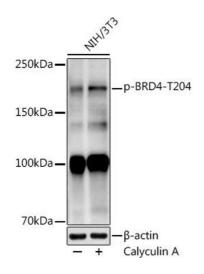
Molecular Weight:	80kDa/88kDa/152kDa
Gene ID:	23476
UniProt:	O60885
Pathways:	Chromatin Binding, SARS-CoV-2 Protein Interactome

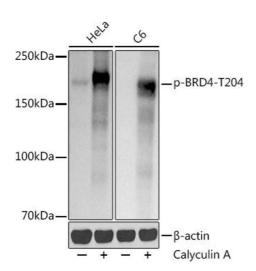
Application Details

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 NIH/3T3 cells, using (ABIN7265948) at 1:1000 dilution.NIH/3T3 cells were treated by Calyculin A (100 nM) for 30 minutes with NaCl (400 mM) after serum-starvation 16-20 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: 90s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using (ABIN7265948) at 1:1000 dilution.HeLa cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight.C6 cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight.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 Basic Kit (RM00020).Exposure time: 1s.