

# Phospho-BRD4-T249 Rabbit pAb

Catalog No.: AP1515

## Basic Information

### Observed MW

200kDa

### Calculated MW

152kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

23476

### Swiss Prot

O60885

### Immunogen

A synthetic phosphorylated peptide around T249 of human BRD4 (NP\_490597.1).

### Synonyms

CAP; MCAP; HUNK1; HUNKI; FSHRG4; Phospho-BRD4-T249

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

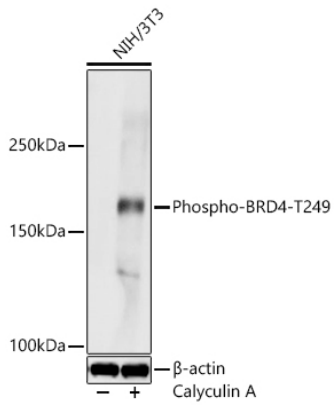
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from NIH/3T3 cells using Phospho-BRD4-T249 Rabbit pAb (AP1515) at 1:1000 dilution. NIH/3T3 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.