

Phospho-BRD4-S1083 Rabbit mAb

Catalog No.: AP1235 **Recombinant**

Basic Information

Observed MW

200kDa

Calculated MW

152kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

CloneNo number

ARC5019-01

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 1:100 - 1:500

Immunogen Information

Gene ID

23476

Swiss Prot

O60885

Immunogen

A synthetic phosphorylated peptide around S1083 of human BRD4 (NP_490597.1).

Synonyms

CAP; MCAP; HUNK1; HUNKI; FSHRG4; Phospho-BRD4-S1083

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

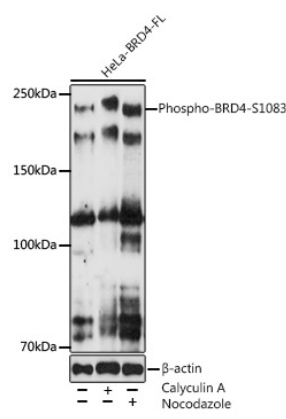
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Phospho-BRD4-S1083 Rabbit mAb (AP1235) 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) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 300s.