

Phospho-BRD4-S498/S499 Rabbit pAb

Catalog No.: AP1179

Basic Information

Observed MW

125kDa

Calculated MW

152kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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 S498 & S499 of human BRD4 (NP_490597.1).

Synonyms

CAP; MCAP; HUNK1; HUNKI; FSHRG4; Phospho-BRD4-S498/S499

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

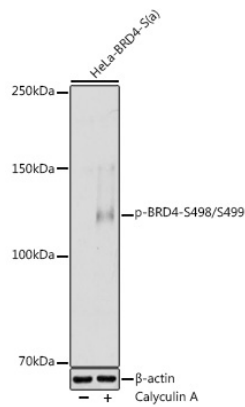
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-BRD4-S498/S499 Rabbit pAb (AP1179) at 1:1000 dilution. HeLa 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: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.