

BRD2 Rabbit pAb

Catalog No.: A18229

Basic Information

Observed MW

115kDa

Calculated MW

88kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

Background

This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra terminal domain) family of proteins. This protein associates with transcription complexes and with acetylated chromatin during mitosis, and it selectively binds to the acetylated lysine-12 residue of histone H4 via its two bromodomains. The gene maps to the major histocompatibility complex (MHC) class II region on chromosome 6p21.3, but sequence comparison suggests that the protein is not involved in the immune response. This gene has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spliced variants have been described for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

6046

Swiss Prot

P25440

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human BRD2 (NP_005095.1).

Synonyms

BRD2; BRD2-IT1; D6S113E; FSH; FSRG1; NAT; O27.1.1; RING3; RNF3

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

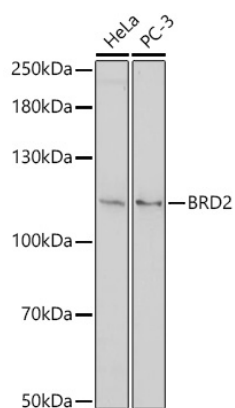
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of various cell lines, using BRD2 antibody (A18229) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.