

A9869

Leader in Biomolecular Solutions for Life Science



## BRD1 Rabbit pAb

Catalog No.: A9869

### Basic Information

**Observed MW**

150kDa

**Calculated MW**

120kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human

### Background

This gene encodes a bromodomain-containing protein that localizes to the nucleus and can interact with DNA and histone tails. The encoded protein is a component of the MOZ/MORF acetyltransferase complex and can stimulate acetylation of histones H3 and H4, thereby potentially playing a role in gene activation. Variation in this gene is associated with schizophrenia and bipolar disorder in some study populations. Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

23774

**Swiss Prot**

O95696

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human BRD1 (NP\_055392.1).

**Synonyms**

BRL; BRPF1; BRPF2; BRD1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

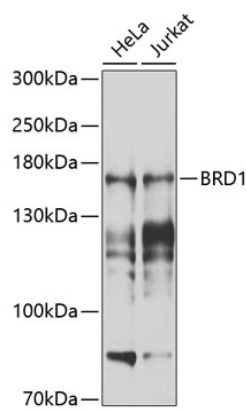
Affinity purification

**Storage**

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using BRD1 antibody (A9869) at 1:1000 dilution.  
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 Basic Kit (RM00020).  
Exposure time: 1s.