

For Research Use Only

# BRD1/BRL Polyclonal antibody

Catalog Number: 32452-1-AP



## Basic Information

Catalog Number:

32452-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37530

GenBank Accession Number:

BC047508

GeneID (NCBI):

23774

UNIPROT ID:

O95696

Full Name:

bromodomain containing 1

Calculated MW:

120 kDa

Observed MW:

133 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, SH-SY5Y cells, SK-N-SH cells

## Background Information

BRD1, also known as BRL and BRPF2, plays a key role in chromatin recruitment to modulate histone acetylation and consequently gene transcription. It interacts with a range of epigenetic modifiers, including histone acetyltransferases KAT5 and KAT7, as well as the histone-lysine N-methyltransferase KMT5B (PMID: 29453316, 38383216). It has 2 isoforms with the molecular mass of 133 kDa and 120 kDa.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

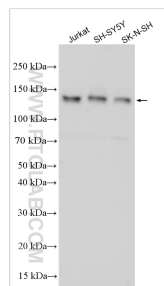
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32452-1-AP (BRD1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.