

For Research Use Only

BRD1/BRL Polyclonal antibody

Catalog Number: 32452-1-AP



Basic Information

Catalog Number:

32452-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop;

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

*** 20ul sizes contain 0.1% BSA

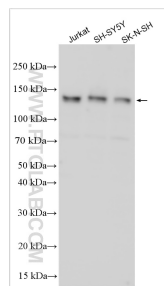
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.