

BRWD1 Polyclonal antibody

Catalog Number: 29293-1-AP

Basic Information

Catalog Number: 29293-1-AP	GenBank Accession Number: BC064602	Purification Method: Antigen affinity purification
Concentration: 400 ug/ml	GeneID (NCBI): 54014	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9NSI6	
Isotype: IgG	Full Name: bromodomain and WD repeat domain containing 1	
Immunogen Catalog Number: AG30902	Calculated MW: 2320 aa, 263 kDa Observed MW: 263 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HepG2 cells, MCF-7 cells, NIH/3T3 cells IHC : mouse cerebellum tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

BRWD1 (Bromodomain and WD repeat domain containing 1, also known as WDR9) has a predicted molecular weight of 263 kDa and contains tandem BROMO domains and WD40 repeats (PMID:12889071). One of the remarkable functions of BRWD1 was the coordinated repression of MYC and MYC target genes. At the Myc/MYC locus, in both mice and humans, BRWD1 specifically repressed distal enhancers, which are associated with lineage specific expression (PMID:30250168). In addition, BRWD1 as a key epigenomic mediator of normal neurodevelopment and an important contributor to DS (Down syndrome)-related phenotypes (PMID:36289231).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

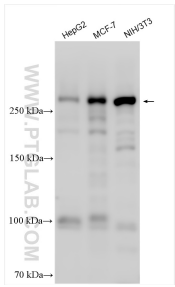
T: 4006900926

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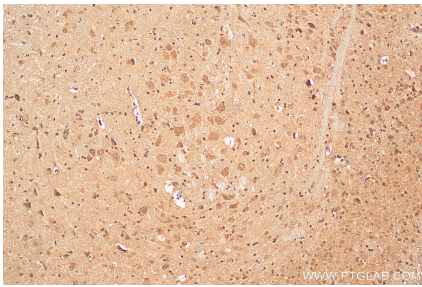
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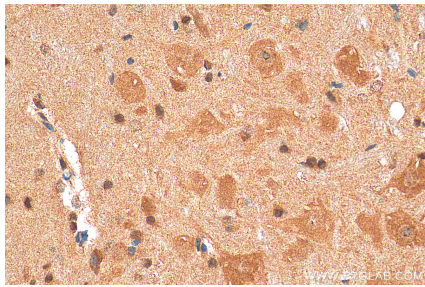
Selected Validation Data



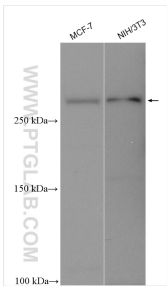
Various lysates were subjected to SDS PAGE followed by western blot with 29293-1-AP (BRWD1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 29293-1-AP (BRWD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 29293-1-AP (BRWD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 29293-1-AP (BRWD1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.