

For Research Use Only

BRWD1 Polyclonal antibody, PBS Only

Catalog Number:29293-1-PBS



Basic Information

Catalog Number: 29293-1-PBS	GenBank Accession Number: BC064602	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54014	
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, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.

Storage Buffer:
PBS only, pH7.3

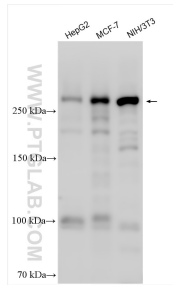
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

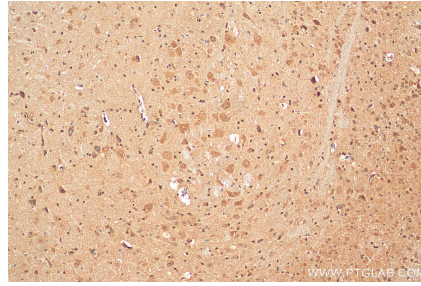
E: proteintech@ptglab.com
W: ptglab.com

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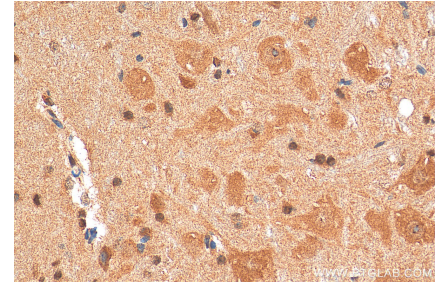
Selected Validation Data



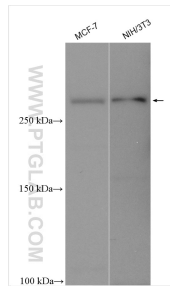
Various lysates were subjected to SDS PAGE followed by western blot with 29293-1-AP (BRWD1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29293-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 29293-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 29293-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 29293-1-PBS in a different storage buffer formulation.