

For Research Use Only

BRD4 Polyclonal antibody

Catalog Number: 28486-1-AP **3 Publications**



Basic Information

Catalog Number: 28486-1-AP	GenBank Accession Number: BC035266	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 23476	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: bromodomain containing 4	
Isotype: IgG	Calculated MW: 1362 aa, 152 kDa	
	Observed MW: 200 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, WB	WB : HepG2 cells, A549 cells, MCF-7 cells, Ramos cells, Jurkat cells, MDA-MB-231 cells, T-47D cells
Species Specificity: Human	IP : A549 cells,
Cited Species: human, mouse	

Background Information

BRD4 is a member of the BET (bromodomain and extra terminal domain) family, which also includes BRD2, BRD3, and BRDT. BRD4, similar to other BET family members, contains two bromodomains that recognize acetylated lysine residues. BRD4 also has an extended C-terminal domain with little sequence homology to other BET family members.

Notable Publications

Author	Pubmed ID	Journal	Application
Yi-Chang Wang	36961817	Cell Rep	WB
Miao Cheng	36907496	Biochem Pharmacol	WB,CoIP
Yi-Chang Wang	36778247	bioRxiv	WB

Storage

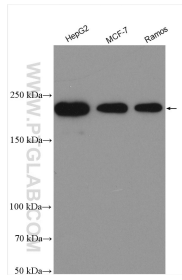
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

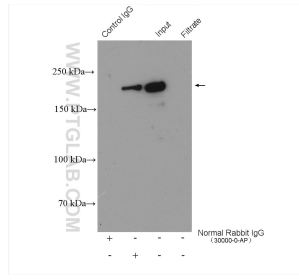
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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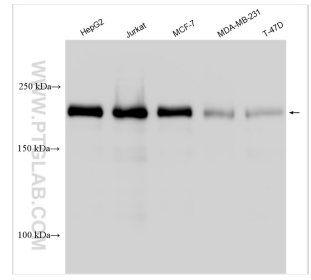
Selected Validation Data



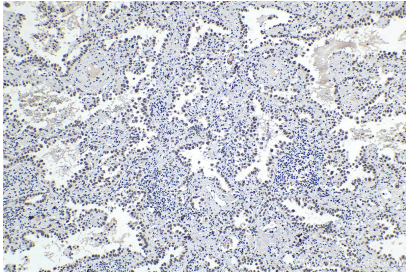
Various lysates were subjected to SDS PAGE followed by western blot with 28486-1-AP (BRD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



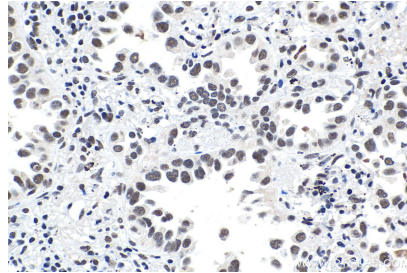
IP result of anti-BRD4 (IP:28486-1-AP, 4ug; Detection:28486-1-AP 1:1000) with A549 cells lysate 800 ug.



Various lysates were subjected to SDS PAGE followed by western blot with 28486-1-AP (BRD4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 28486-1-AP (BRD4 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 28486-1-AP (BRD4 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).