

For Research Use Only

BRD8 Polyclonal antibody

Catalog Number: 10476-1-AP **2 Publications**



Basic Information

Catalog Number: 10476-1-AP	GenBank Accession Number: BC008039	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10902	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: bromodomain containing 8	IF 1:50-1:500
Isotype: IgG	Calculated MW: 120 kDa	
Immunogen Catalog Number: AG0790	Observed MW: 120 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls: WB : HeLa cells, human brain tissue
Cited Applications: WB	IP: HeLa cells,
Species Specificity: human	IF: HeLa cells,
Cited Species: human	

Background Information

BRD8 is one of the bromodomain-containing proteins, which is an acetylated lysine-binding domain and thought to be involved in regulation of protein acetylation and/or HAT (histone acetyl transferase) activity [PMID: 12963728]. It is also reported to be an accessory subunit of NuA4 HAT complex (also known as TRRAP/TIP60 complex) through biochemical purification [PMID: 16049979]. In addition, it can bind to thyroid hormone receptor-β and/or retinoid X receptor, and can act as a coactivator of the nuclear hormone receptor-mediated transcription in reporter assays [PMID: 10517671].

Notable Publications

Author	Pubmed ID	Journal	Application
Arnaud Obri	24463511	Nature	WB
Zhaoxiang Yu	32860757	Arch Biochem Biophys	WB

Storage

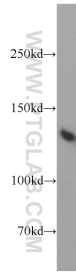
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

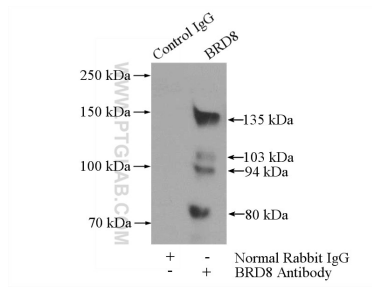
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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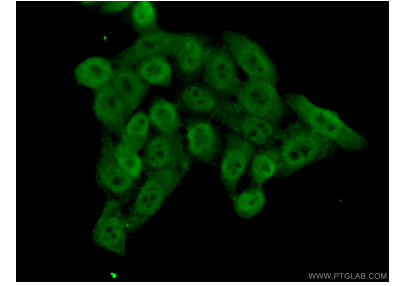
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10476-1-AP (BRD8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-BRD8 (IP:10476-1-AP, 4ug; Detection:10476-1-AP 1:300) with HeLa cells lysate 1200ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 10476-1-AP (BRD8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).