

For Research Use Only

BRD8 Polyclonal antibody

Catalog Number: 10476-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

10476-1-AP

Concentration:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0790

GenBank Accession Number:

BC008039

GeneID (NCBI):

10902

UNIPROT ID:

Q9H0E9

Full Name:

bromodomain containing 8

Calculated MW:

120 kDa

Observed MW:

120-170 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, human brain tissue, HuH-7 cells

IHC : human stomach tissue,

IF/ICC : HeLa cells,

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]. Interestingly, in the breast cancer cells we detected the 170 kDa endogenous BRD8 protein, which was larger than its calculated 135 kDa molecular weight (MW) from its a.a. residues. The study found that with an anti - HA tag antibody, we validated the expression of HA - tagged full - length BRD8 and four different BRD8 fragments expressed in HEK293T cells. The apparent MWs of these BRD8 full - length and fragment proteins were also larger than their calculated MWs based on their a.a. residues. (PMID: 37680145)

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

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

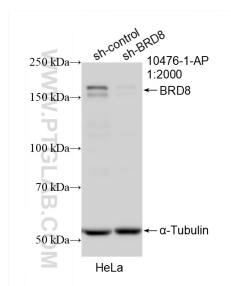
T: 4006900926

E: Proteintech-CN@ptglab.com

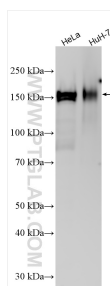
W: ptgcn.com

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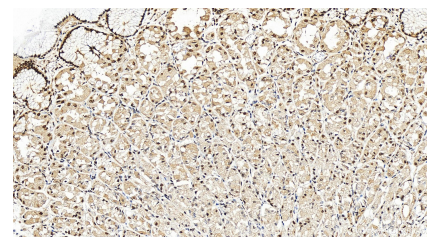
Selected Validation Data



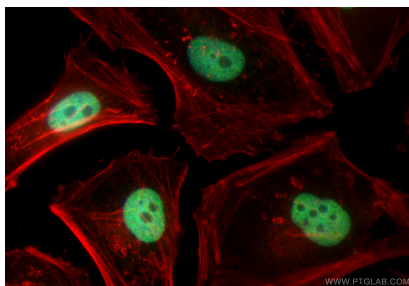
WB result of BRD8 antibody (10476-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BRD8 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 10476-1-AP (BRD8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 10476-1-AP (BRD8 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BRD8 antibody (10476-1-AP) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).