

For Research Use Only

BRPF1 Polyclonal antibody

Catalog Number: 30186-1-AP



Basic Information

Catalog Number: 30186-1-AP	GenBank Accession Number: BC053851	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 7862	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: P55201	
Isotype: IgG	Full Name: bromodomain and PHD finger containing, 1	
Immunogen Catalog Number: AG32828	Calculated MW: 1220 aa, 138 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : HeLa cells, PC-12 cells
Species Specificity: Human, rat	

Background Information

BRPF1 (bromodomain and PHD finger-containing protein 1) is also named as BR140. BRPF1 is scaffold subunit of various histone acetyltransferase (HAT) complexes, such as the MOZ/MORF and HBO1 complexes, which have a histone H3 acetyltransferase activity (PMID:16387653, PMID:24065767, PMID:27939640). BRPF1 plays a key role in HBO1 complex by directing KAT7/HBO1 specificity towards histone H3 'Lys-14' acetylation (H3K14ac) (PMID:24065767). And BRPF1 positively regulates the transcription of RUNX1 and RUNX2 (PMID:18794358).

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:

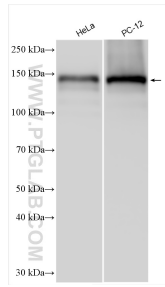
T: 4006900926

E: Proteintech-CN@ptglab.com

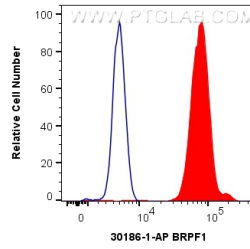
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30186-1-AP (BRPF1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human BRPF1 (30186-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).