

For Research Use Only

CoraLite® Plus 488-conjugated BRPF1 Polyclonal antibody

Catalog Number:CL488-30186



Basic Information

Catalog Number: CL488-30186	GenBank Accession Number: BC053851	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7862	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
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 (Intra)

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. Avoid exposure to light. Stable for one year after shipment.

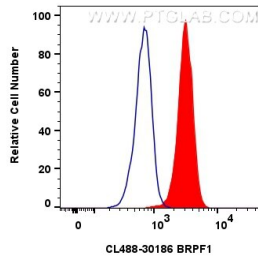
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



1x10⁶ HeLa cells were intracellularly stained with 0.8 ug Coralite® Plus 488 Brpf1 Polyclonal Antibody (CL488-30186)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).