

For Research Use Only

Periphilin 1 Polyclonal antibody, PBS Only

Catalog Number: 30437-1-PBS



Basic Information

Catalog Number: 30437-1-PBS	GenBank Accession Number: BC039832	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 51535	
Source: Rabbit	UNIPROT ID: Q8NEY8	
Isotype: IgG	Full Name: Periphilin 1	
Immunogen Catalog Number: AG32768	Calculated MW: 458 aa, 53 kDa	
	Observed MW: 37-70 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Periphilin 1 is a component of the HUSH complex, which is a multiprotein complex that mediates epigenetic repression. The HUSH complex is recruited to genomic loci rich in H3K9me3 and is likely necessary for maintaining transcriptional silencing by promoting the recruitment of SETDB1, a histone methyltransferase that mediates the deposition of additional H3K9me3. Periphilin 1 contributes to the maintenance of the HUSH complex at chromatin (PMID: 26022416).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

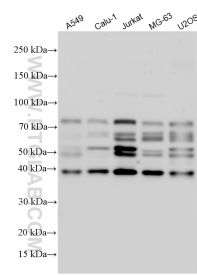
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

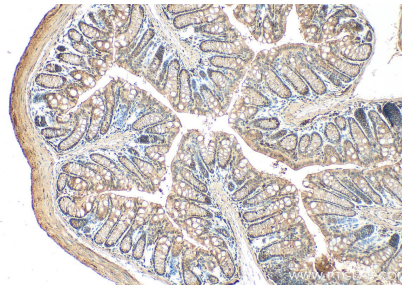
E: proteintech@ptglab.com
W: ptglab.com

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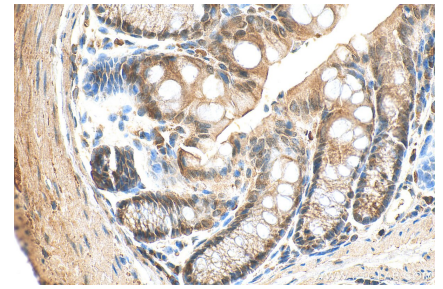
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30437-1-AP (Periphilin 1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30437-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 30437-1-AP (Periphilin 1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30437-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 30437-1-AP (Periphilin 1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30437-1-PBS in a different storage buffer formulation.