

For Research Use Only

TNRC18 Polyclonal antibody, PBS Only

Catalog Number:32165-1-PBS



Basic Information

Catalog Number: 32165-1-PBS	GenBank Accession Number: BC131808	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 84629	
Source: Rabbit	UNIPROT ID: O15417	
Isotype: IgG	Full Name: trinucleotide repeat containing 18	
Immunogen Catalog Number: AG37483	Calculated MW: 31 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Trinucleotide repeat containing 18 (TNRC18, also known as CAGL79 and KIAA1856) is a nucleic-acid-binding protein, which recognizes H3K9me3 to mediate the silencing of ERV class I (ERV1) elements and acts as a chromatin-associated regulator of ERVs (PMID: 27980689; 37938770). It is located in the cytosol, mitochondrion, and nucleus (PMID: 19262598). The mutation in TNRC18 may cause Fazio-Londe disease (PMID: 38188848).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

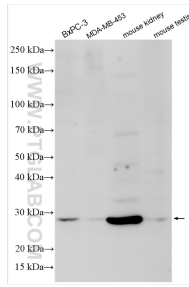
For technical support and original validation data for this product please contact:

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

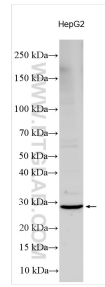
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32165-1-AP (TNRC18 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32165-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 32165-1-AP (TNRC18 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32165-1-PBS in a different storage buffer formulation.