

For Research Use Only

# TNRC18 Polyclonal antibody

Catalog Number: 32165-1-AP



## Basic Information

<b>Catalog Number:</b> 32165-1-AP	<b>GenBank Accession Number:</b> BC131808	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 900 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84629	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15417	
<b>Isotype:</b> IgG	<b>Full Name:</b> trinucleotide repeat containing 18	
<b>Immunogen Catalog Number:</b> AG37483	<b>Calculated MW:</b> 31 kDa	
	<b>Observed MW:</b> 29 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, mouse

**Positive Controls:**

WB : BxPC-3 cells, HepG2 cells, MDA-MB-453 cells, mouse kidney tissue, mouse testis tissue

## 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 -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

\*\*\* 20ul sizes contain 0.1% BSA

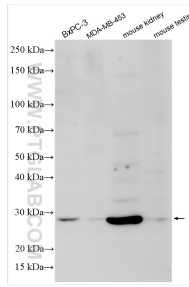
For technical support and original validation data for this product please contact:

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

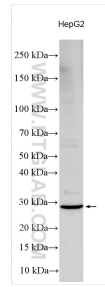
E: proteintech@ptglab.com  
W: ptglab.com

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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.



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.