

For Research Use Only

# LENG8 Polyclonal antibody, PBS Only

Catalog Number: 13336-1-PBS



## Basic Information

<b>Catalog Number:</b> 13336-1-PBS	<b>GenBank Accession Number:</b> BC028048	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 114823	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96PV6	
<b>Isotype:</b> IgG	<b>Full Name:</b> leukocyte receptor cluster (LRC) member 8	
<b>Immunogen Catalog Number:</b> AG4153	<b>Calculated MW:</b> 800 aa, 88 kDa	
	<b>Observed MW:</b> 86-88 kDa	

## Applications

**Tested Applications:**  
WB, FC (Intra), Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

LENG8 is the core factor of the key RNA quality control system discovered in recent years, which plays a goalkeeper role in the regulation of eukaryotic gene expression. LENG8 promotes the recruitment of PAXT complex and RNA exonuclease, and mediates the degradation of abnormal RNA. It is a multifunctional evolutionarily conserved protein, which plays a key role from yeast to human beings. It is an important node molecule connecting gene post-transcriptional processing, RNA quality control and cell energy metabolism.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

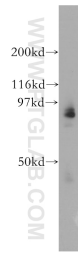
For technical support and original validation data for this product please contact:

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

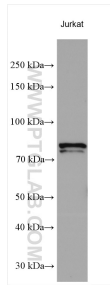
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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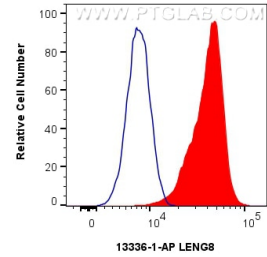
## Selected Validation Data



A2780 cells were subjected to SDS PAGE followed by western blot with 13336-1-AP (LENG8 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13336-1-PBS in a different storage buffer formulation.



Jurkat cells were subjected to SDS PAGE followed by western blot with 13336-1-AP (LENG8 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13336-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.25 ug LENG8 Polyclonal antibody (13336-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 13336-1-PBS in a different storage buffer formulation.