

For Research Use Only

# C3orf37 Polyclonal antibody

Catalog Number: 31791-1-AP



## Basic Information

<b>Catalog Number:</b> 31791-1-AP	<b>GenBank Accession Number:</b> BC009993	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 56941	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96FZ2	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 3 open reading frame 37	
<b>Immunogen Catalog Number:</b> AG36362	<b>Observed MW:</b> 36 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> rat testis tissue, HEK-293T cells, MCF-7 cells, mouse testis tissue

## Background Information

HMCES, also known as C3orf37, is a protein that is associated with the protection of abasic sites. The molecular mass of HMCES is 40 kDa and it recognizes AP sites in ssDNA at replication forks and chemically modifies the lesion to generate a DNA-protein crosslink (PMID: 30554877).

## Storage

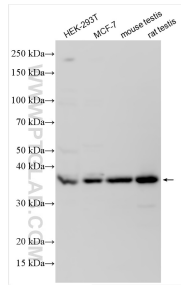
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
*Aliquoting is unnecessary for -20°C storage*

\*\*\* 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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31791-1-AP (C3orf37 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.