

For Research Use Only

# C15orf42 Polyclonal antibody

Catalog Number: 30664-1-AP



## Basic Information

<b>Catalog Number:</b> 30664-1-AP	<b>GenBank Accession Number:</b> BC033209	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 90381	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7Z2Z1	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 15 open reading frame 42	
<b>Immunogen Catalog Number:</b> AG33632	<b>Observed MW:</b> 210-250 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> HEK-293T cells, <b>IF/ICC :</b> A431 cells,

## Background Information

C15orf42 (TOPBP1 interacting checkpoint and replication regulator), also known as Treslin. It is expected to be located in cytosol and nucleoplasm, the protein is mainly expressed in bone marrow, esophagus, and lymphoid tissue. The protein C15orf42 enables chromatin binding activity and it is involved in regulation of DNA-dependent DNA replication initiation. And the calculated molecular weight of C15orf42 is 210 kDa, the 250 kDa band has been reported in the literature (PMID: 30037903).

## Storage

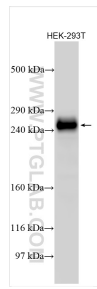
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

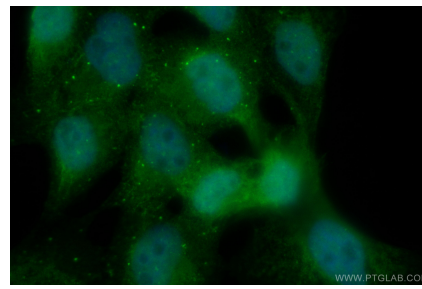
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30664-1-AP (C15orf42 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using C15orf42 antibody (30664-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).