

For Research Use Only

# TBX15 Polyclonal antibody

Catalog Number: 25148-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 25148-1-AP	<b>GenBank Accession Number:</b> BC122553	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 6913	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96SF7	
<b>Isotype:</b> IgG	<b>Full Name:</b> T-box 15	
<b>Immunogen Catalog Number:</b> AG18423	<b>Calculated MW:</b> 602 aa, 66 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, mouse	

## Background Information

TBX15 is a transcription factor from the T-box family and is a highly pleiotropic gene expressed in multiple tissues at different stages of development. It is required for skeletal development and deletions in this gene cause severe skeletal malformation. In addition, TBX15 also plays a role in the differentiation of brown and beige adipocytes (PMID: 28007980). The predicted molecular weight of TBX15 is 66 kDa. With modification, the MW of TBX15 will be migrated to 50 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuyuan Ge	38327797	iScience	WB

## 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

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

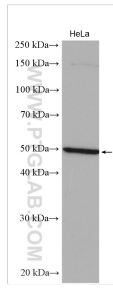
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 25148-1-AP (TBX15 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.