

For Research Use Only

# TBXT Polyclonal antibody

Catalog Number: 20741-1-AP



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>20741-1-AP   | <b>GenBank Accession Number:</b><br>NM_003181     | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 550 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>6862                     | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000             |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>T, brachyury homolog (mouse) |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>47 kDa                   |  |
|  | <b>Observed MW:</b><br>44 kDa                     |  |

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>WB, ELISA    | <b>Positive Controls:</b><br>WB : mouse liver tissue, |
| <b>Species Specificity:</b><br>human, mouse |   |

## Background Information

Brachyury T is involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. It binds to a palindromic site (called T site) and activates gene transcription when bound to such a site. Genetic variations in T are associated with susceptibility to neural tube defects (NTD). The antibody is specific to Brachyury T.

## Storage

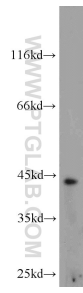
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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

## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 20741-1-AP (Brachyury-T antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.