

# TBXT Polyclonal antibody

Catalog Number: 20741-1-AP

## Basic Information

**Catalog Number:**

20741-1-AP

**Size:**

550 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_003181

**GeneID (NCBI):**

6862

**UNIPROT ID:**

O15178

**Full Name:**

T, brachyury homolog (mouse)

**Calculated MW:**

47 kDa

**Observed MW:**

44 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : mouse liver tissue,

## 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:**

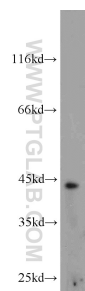
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.