

# TBX5 Rabbit pAb

Catalog No.: A4141 **2 Publications**

## Basic Information

**Observed MW**

61kDa

**Calculated MW**

58kDa

**Category**

Primary antibody

**Applications**

WB

**Cross-Reactivity**

Human

## Background

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in this gene have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

**Gene ID**

6910

**Swiss Prot**

Q99593

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

HOS; TBX5

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

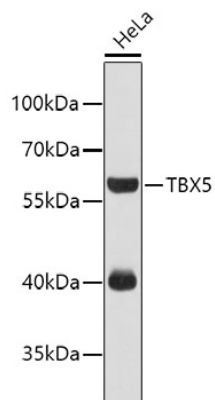
**Storage**

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

---



Western blot analysis of lysates from HeLa cells, using TBX5 Rabbit pAb (A4141).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.