

A10481

Leader in Biomolecular Solutions for Life Science



## TBX19 Rabbit pAb

Catalog No.: A10481

### Basic Information

**Observed MW**

48kDa

**Calculated MW**

48kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**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. Mutations in this gene were found in patients with isolated deficiency of pituitary POMC-derived ACTH, suggesting an essential role for this gene in differentiation of the pituitary POMC lineage. ACTH deficiency is characterized by adrenal insufficiency symptoms such as weight loss, lack of appetite (anorexia), weakness, nausea, vomiting, and low blood pressure.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

9095

**Swiss Prot**

O60806

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 229-448 of human TBX19 (NP\_005140.1).

**Synonyms**

TPIT; TBS19; dJ747L4.1; TBX19

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

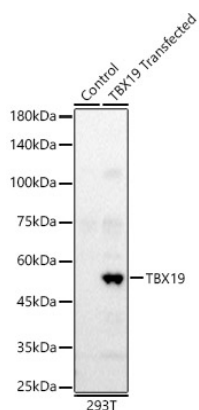
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with TBX19, using TBX19 Rabbit pAb (A10481) at 1:2500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.