

## TBX19

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**48kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human TBX19

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

TPIT; TBS19; dJ747L4.1;

**Catalog #:**A10481

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9095

**Isotype:**IgG

**Swiss Prot:**O60806

**Purity:**Affinity purification

For research use only.

**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.

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