

## TBX5

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IF

**Recommended Dilution:**WB 1:200 - 1:2000 IF 1:10 - 1:100

**Calculated MW:**58kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human TBX5

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bk

**Synonym:**

HOS;

**Catalog #:**A4141

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6910

**Isotype:**IgG

**Swiss Prot:**Q99593

**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. 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.

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