

TBX5

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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