

## Product datasheet for **TA333927**

### T box 2 (TBX2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-TBX2 Antibody: synthetic peptide directed towards the middle region of human TBX2. Synthetic peptide located within the following region: AEIAQAEEQARKRQEEREKEAAEQAERSQSSIVPEEEQAANKGEEKKDDE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	T-box 2
Database Link:	<a href="#">NP_005985</a> <a href="#">Entrez Gene 6909 Human Q13207</a>



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**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. TBX2 is the human homolog of mouse Tbx2, and shares strong sequence similarity with Drosophila omb protein. Expression studies indicate that this gene may have a potential role in tumorigenesis as an immortalizing agent. 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 product is the human homolog of mouse Tbx2, and shares strong sequence similarity with Drosophila omb protein. Expression studies indicate that this gene may have a potential role in tumorigenesis as an immortalizing agent. Transcript heterogeneity due to alternative polyadenylation has been noted for this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

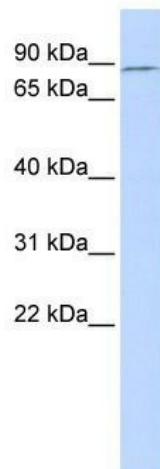
FLJ10169

**Note:**

Immunogen sequence homology: Human: 100%; Pig: 92%; Horse: 92%; Bovine: 92%; Rabbit: 92%; Dog: 85%; Rat: 85%; Guinea pig: 85%; Mouse: 77%

**Protein Families:**

Transcription Factors

**Product images:**

WB Suggested Anti-TBX2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Muscle