

Product datasheet for **TA333776**

TBX3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-TBX3 Antibody: synthetic peptide directed towards the middle region of human TBX3. Synthetic peptide located within the following region: VGTSNLKDLCPSEGESDAEAEESKEEHGPEACDAAKISTTTSEPCRDKGS
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:	79 kDa
Gene Name:	T-box 3
Database Link:	NP_057653 Entrez Gene 6926 Human O15119



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Background:

TBX3 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 protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined. 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 protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined.

Synonyms:

TBX3-ISO; UMS; XHL

Note:

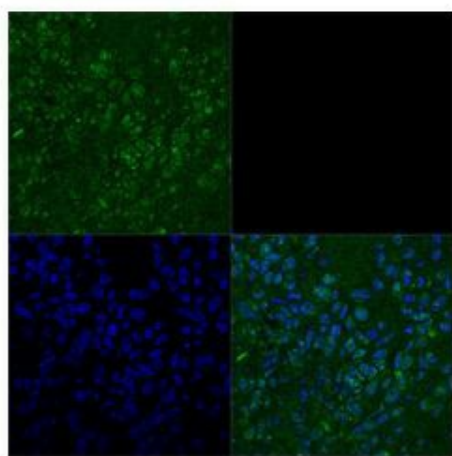
Immunogen sequence homology: Pig: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Dog: 92%; Rat: 92%; Mouse: 92%; Bovine: 92%; Guinea pig: 92%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-TBX3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:2500; Positive Control: 721_B cell lysate



Primary metastatic Melenoma