

## Product datasheet for **TA330066**

### TCF4 Rabbit Polyclonal Antibody

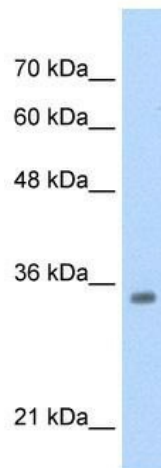
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TCF4 antibody: synthetic peptide directed towards the N terminal of human TCF4. Synthetic peptide located within the following region: DGTPYDHMTSRDLGSHDNLSPPFVNSRIQSKTERGSYSSYGRESNLQGCH
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	71 kDa
Gene Name:	transcription factor 4
Database Link:	<a href="#">NP_003190</a> <a href="#">Entrez Gene 6925 Human P15884</a>

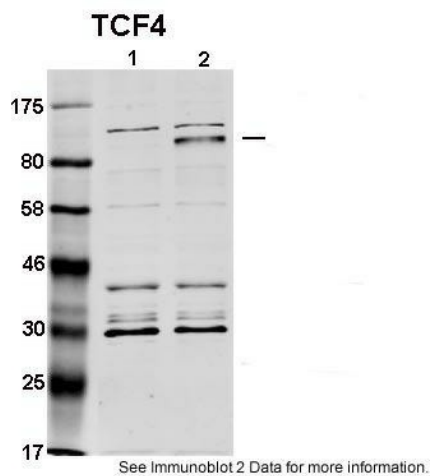


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<b>Background:</b>	TCF4 encodes transcription factor 4, a basic helix-turn-helix transcription factor. The protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. TCF4 is expressed predominantly in pre-B-cells, although it is found in other tissues as well. TCF4 encodes transcription factor 4, a basic helix-turn-helix transcription factor. The protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. TCF4 is expressed predominantly in pre-B-cells, although it is found in other tissues as well. TCF4 is known to produce multiple transcripts; however as the complete structure is only known for the transcript that encodes the b isoform, that is the variant presented here.
<b>Synonyms:</b>	bHLHb19; E2-2; FECD3; ITF-2; ITF2; PTHS; SEF-2; SEF2; SEF2-1; SEF2-1A; SEF2-1B; SEF2-1D; TCF-4
<b>Note:</b>	Immunogen sequence homology: Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Guinea pig: 92%
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

**Product images:**

WB Suggested Anti-TCF4 Antibody; Titration: 0.2-1 ug/ml; Positive Control: HepG2



TCF4 antibody - N-terminal region validated by WB using 1. SHSY-5Y lysate (15ug) at 1:100.; sH-SY5Y cell lysate;no + transfected hTCF4;yes (human neuroblastoma cells)