

Product datasheet for **TA345423**

TCF7 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-TCF7 antibody is: synthetic peptide directed towards the N-terminal region of Human TCF7. Synthetic peptide located within the following region: AGGGDDLGAPELLAFQDEGEEQDDKSRDSAAGPERDLAELKSSLVNESE
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:	40 kDa
Gene Name:	transcription factor 7 (T-cell specific, HMG-box)
Database Link:	NP_001128323 Entrez Gene 6932 Human P36402
Background:	The protein encoded by this gene is a transcriptional activator that plays an important role in lymphocyte differentiation. This gene is expressed predominantly in T-cells. The encoded protein can bind an enhancer element and activate the CD3E gene, and it also may repress the CTNNA1 and TCF7L2 genes through a feedback mechanism. Several transcript variants encoding different isoforms have been found for this gene.
Synonyms:	TCF-1



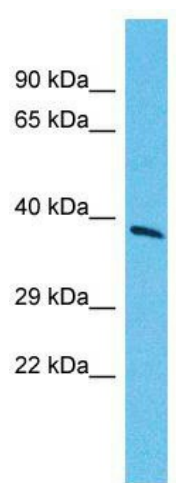
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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Zebrafish: 86%

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

Protein Pathways: Acute myeloid leukemia, Adherens junction, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Basal cell carcinoma, Colorectal cancer, Endometrial cancer, Melanogenesis, Pathways in cancer, Prostate cancer, Thyroid cancer, Wnt signaling pathway

Product images:



Host: Rabbit; Target Name: TCF7; Sample Tissue: Pancreas Tumor lysates; Antibody Dilution: 1.0 ug/ml