

Rabbit TCF4 Polyclonal Antibody | anti-TCF4 antibody

TCF4 Antibody (N-term)

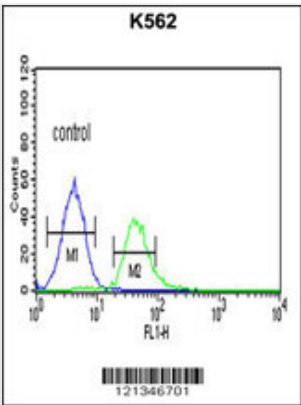
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287019	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

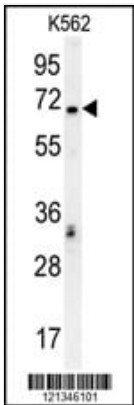
TCF4; Polyclonal Antibody; TCF4 Antibody (N-term); Transcription factor 4; TCF-4; Class B basic helix-loop-helix protein 19; bHLHb19; Immunoglobulin transcription factor 2; ITF-2; SL3-3 enhancer factor 2; SEF-2; BHLHB19; ITF2; SEF2; anti-TCF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TCF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-73 amino acids from the N-terminal region of human TCF4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	48-73
Sequence Length	671
Applicable Applications for anti-TCF4 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
TCF4 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
TCF4 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the TCF4 antibody detected the TCF4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TCF4 antibody	TCF4 is transcription factor 4, a basic helix-turn-helix transcription factor. The encoded protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. This gene is expressed predominantly in pre-B-cells, although it is found in other tissues as well. Defects in this gene are a cause of Pitt-Hopkins syndrome.
Product Categories/Family for anti-TCF4 antibody	Signal Transduction
References	Rosenfeld, J.A., et al. Genet. Med. 11(11):797-805(2009) Herbst, A., et al. Biochem. Biophys. Res. Commun. 387(4):736-740(2009) Rena, V., et al. Placenta 30(10):876-883(2009) Henthorn, P., et al. Science 247(4941):467-470(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	145312267
NCBI GeneID	6925
NCBI Accession #	NP_001077431.1; NP_001230155.1; NP_001230156.1; NP_001230157.1; NP_001230159.1; NP_001230160.1; NP_001230161.1; NP_001230162.1; NP_001230163.1; NP_001230164.1; NP_001230165.1; NP_003190.1
NCBI GenBank Nucleotide #	NM_001083962.1
UniProt Accession #	P15884; B3KT62; B3KUC0; B4DT37; B4DUG3; B7Z5M6; B7Z6Y1; G0LNT9; G0LNU0; G0LNU1; G0LNU2; G0LNU4
Molecular Weight	71308
NCBI Official Full Name	transcription factor 4 isoform a
NCBI Official Synonym Full Names	transcription factor 4
NCBI Official Symbol	TCF4
NCBI Official Synonym Symbols	E2-2; ITF2; PTHS; SEF2; ITF-2; SEF-2; TCF-4; SEF2-1; SEF2-1A; SEF2-1B; SEF2-1D; bHLHb19
NCBI Protein Information	transcription factor 4
UniProt Protein Name	Transcription factor 4

UniProt Gene Name	TCF4
UniProt Synonym Gene Names	BHLHB19; ITF2; SEF2; TCF-4; bHLHb19; ITF-2; SEF-2
UniProt Entry Name	ITF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tcf4-antibody-western-blot-flow-cytometry-elisa/287019>