Rabbit TCF4 Polyclonal Antibody | anti-TCF4 antibody

TCF4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304868	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

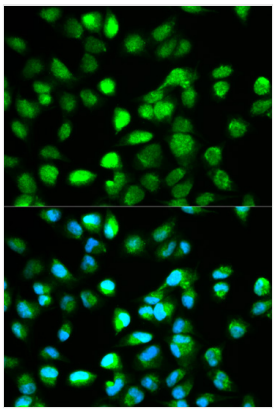
PRODUCT SYNONYMS

TCF4; Polyclonal Antibody; TCF4 Antibody; E2-2; ITF2; PTHS; SEF2; ITF-2; anti-TCF4 antibody

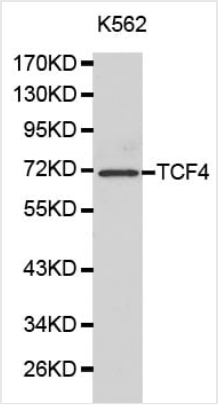
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TCF4 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	671
Applicable Applications for anti-TCF4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TCF4.
Target Name	TCF4
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cell using TCF4 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of K562 cell lysate using TCF4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF4 antibody	LEF1 and TCF are members of the high mobility group (HMG) DNA binding protein family of transcription factors that consists of the following: Lymphoid Enhancer Factor 1 (LEF1), T Cell Factor 1 (TCF1), TCF3, and TCF4 (1). LEF1 and TCF1 were originally identified as important factors regulating early lymphoid development (2) and act downstream in Wnt signaling. LEF1 and TCF bind to Wnt response elements to provide docking sites for b-catenin, which translocates to the nucleus to promote the transcription of target genes upon activation of Wnt signaling (3). LEF1 and TCF are dynamically expressed during development and aberrant activation of the Wnt signaling pathway is involved in many types of cancers including colon cancer (4,5).
Product Categories/Family for anti-TCF4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	145312267
NCBI GeneID	6925
NCBI Accession #	NP_001077431.1
NCBI GenBank Nucleotide #	NM_001083962.1
UniProt Accession #	P15884; B3KT62; B3KUC0; B4DT37; B4DUG3; B7Z5M6; B7Z6Y1; G0LNT9; G0LNU0; G0LNU1; G0LNU2; G0LNU4
Molecular Weight	48,098 Da
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://www.aaabiotech.com/polyclonal/tcf4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304868