

Rabbit TCF4 Polyclonal Antibody | anti-TCF4 antibody

TCF4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201752	Rabbit	Guinea Pig, Horse, Human, Mouse, Pig, Rat	Western Blot

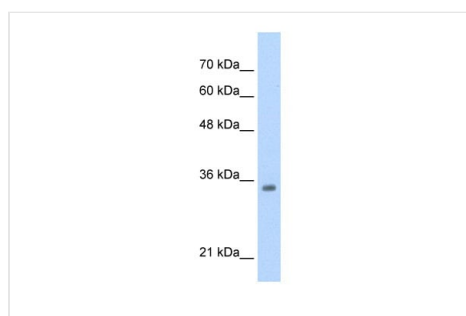
PRODUCT SYNONYMS

TCF4; Polyclonal Antibody; TCF4 antibody - N-terminal region; anti-TCF4 antibody

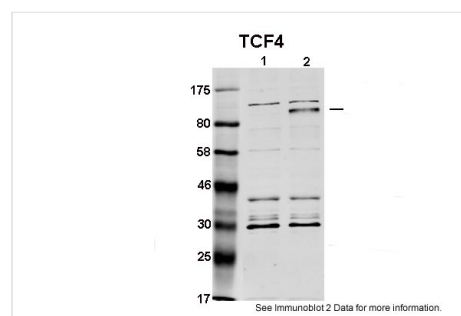
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Guinea Pig, Horse, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DG TPYDHMTSRD LGSHDNLSPF FVNSRIQSKT ERGSYSSYGR ESNLQGCH
Sequence Length	667
Applicable Applications for anti-TCF4 antibody	WB (Western Blot)
Homology	Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TCF4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

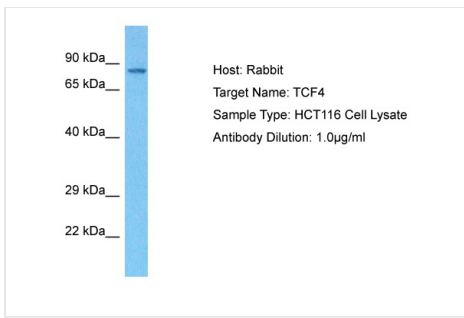
IMAGES


WB (Western Blot)

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


WB (Western Blot)

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)



WB (Western Blot)
Host: RabbitTarget Name: TCF4Sample Tissue: Human HCT116 Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TCF4 antibody	This is a rabbit polyclonal antibody against TCF4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-TCF4 antibody	Polyclonal; Transcription Regulation; Cell Biology; Neuroscience; DNA/RNA/Protein Interactions; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507399
NCBI GeneID	6925
NCBI Accession #	NP_003190
NCBI GenBank Nucleotide #	NM_003199
UniProt Accession #	P15884
Molecular Weight	71kDa
NCBI Official Full Name	transcription factor 4 isoform b
NCBI Official Synonym Full Names	transcription factor 4
NCBI Official Symbol	TCF4
NCBI Official Synonym Symbols	E2-2; ITF2; PTHS; SEF2; FECD3; 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.

