Rabbit anti-Human TCF7L1/TCF3 Polyclonal Antibody | anti-TCF7L1/TCF3 antibody

TCF7L1/TCF3 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59982	**Rabbit**	**Human**	**Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation**

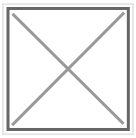
PRODUCT SYNONYMS

TCF7L1/TCF3; Polyclonal Antibody; TCF7L1/TCF3 antibody (pAb); anti-TCF7L1/TCF3 antibody

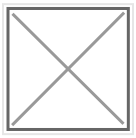
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-TCF7L1/TCF3 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This TCF7L1/TCF3 antibody was raised against a peptide from the N-terminus of human TCF7L1/TCF3.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)
Western blot of TCF7L1 / TCF3 antibody. Nuclear extract of PANC-1 cells (20 ?g) probed with TCF7L1 / TCF3 antibody (1:500).



ChIP (Chromatin Immunoprecipitation)
TCF7L1 / TCF3 antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 30 ug of chromatin from undifferentiated hESC cells and 7 ul of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 26 million sequence tags were mapped to identify TCF7L1 / TCF3 binding sites. The image shows binding across a region of chromosome 17. You can view the complete data set in the UCSC Genome Browser, starting at this specific location, here.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF7L1/TCF3 antibody	Short Description: Our TCF7L1/TCF3 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human samples. Background: TCF3/TCF7L1 (T-cell factor 3, TCF7L1) is a member of the TCF/LEF family and a component of the Wnt signaling pathway and a dominant downstream effector in embryonic stem cells (ESCs). TCF3 binds to DNA and serves as both a repressor as well as an activator of transcription. TCF3 brings developmental signals directly to the core regulatory circuitry of ES cells to influence the balance between pluripotency and differentiation. TCF3 transcriptionally represses many genes important for maintaining pluripotency and self-renewal, as well as those involved in lineage commitment and stem cell differentiation. This effect is in part mediated by the corepressors transducin-like enhancer of split 2 (TLE2) and C-terminal Binding Protein (CtBP).
Product Categories/Family for anti-TCF7L1/TCF3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13786123
NCBI GeneID	83439
NCBI Accession #	NP_112573
NCBI GenBank Nucleotide #	NM_031283.3
UniProt Accession #	Q9HCS4
Molecular Weight	64kDa
NCBI Official Full Name	transcription factor 7-like 1
NCBI Official Synonym Full Names	transcription factor 7 like 1
NCBI Official Symbol	TCF7L1
NCBI Official Synonym Symbols	TCF3; TCF-3
NCBI Protein Information	transcription factor 7-like 1
UniProt Protein Name	Transcription factor 7-like 1
UniProt Gene Name	**TCF7L1**
UniProt Synonym Gene Names	TCF3; TCF-3
UniProt Entry Name	TF7L1_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/tcf7l1-tcf3-antibody-western-blot-chromatin-immunoprecipitation-chromatin-immunoprecipitation-elisa/59982