

Rabbit anti-Human TCF1/TCF7 Monoclonal Antibody | anti-TCF7 antibody

TCF1/TCF7 Rabbit mAb

CATALOG # AAA282857	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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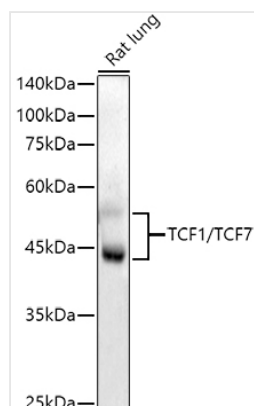
PRODUCT SYNONYMS

TCF1/TCF7; Monoclonal Antibody; TCF1/TCF7 Rabbit mAb; TCF-1; anti-TCF7 antibody

PRODUCT SPECIFICATIONS

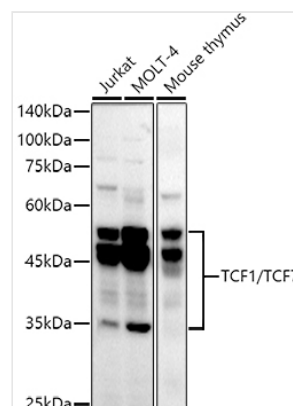
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	ELKSSLVNES EGAAGGAGIP GVPGAGAGAR GEAEALGREH AAQLRFPDKL PEPLDGLKA PECTSGMYKE TVYSAFNLLM HYPPPSGAGQ HPQPQPPLHK A
Applicable Applications for anti-TCF7 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human TCF1/TCF7 (NP_003193.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Rat lung, using TCF1/TCF7 Rabbit mAb (AAA282857) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



WB (Western Blot)

Western blot analysis of various lysates using TCF1/TCF7 Rabbit mAb (AAA282857) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF7 antibody	This gene encodes a member of the T-cell factor/lymphoid enhancer-binding factor family of high mobility group (HMG) box transcriptional activators. This gene is expressed predominantly in T-cells and plays a critical role in natural killer cell and innate lymphoid cell development. The encoded protein forms a complex with beta-catenin and activates transcription through a Wnt/beta-catenin signaling pathway. Mice with a knockout of this gene are viable and fertile, but display a block in T-lymphocyte differentiation. Alternative splicing results in multiple transcript variants. Naturally-occurring isoforms lacking the N-terminal beta-catenin interaction domain may act as dominant negative regulators of Wnt signaling.
Product Categories/Family for anti-TCF7 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Cell Biology Developmental Biology; Cell Adhesion; Wnt --- Catenin Signaling Pathway; Immunology Inflammation; Stem Cells; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	293651582
NCBI GeneID	6932
NCBI Accession #	NP_001128323.2
NCBI GenBank Nucleotide #	NM_001134851.2
UniProt Accession #	P36402; Q86WR9; Q9UKI4; B3KSH3
Molecular Weight	Calculated MW: 42kDa Observed MW: 28-50kDa
UniProt Protein Name	Transcription factor 7
UniProt Gene Name	TCF7
UniProt Synonym Gene Names	TCF1; TCF-7; T-cell factor 1; TCF-1
UniProt Entry Name	TCF7_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/monoclonal/tcf1-tcf7-antibody-western-blot-elisa/282857>