

Rabbit TCF21 Polyclonal Antibody | anti-TCF21 antibody

TCF21 Antibody (C-term)

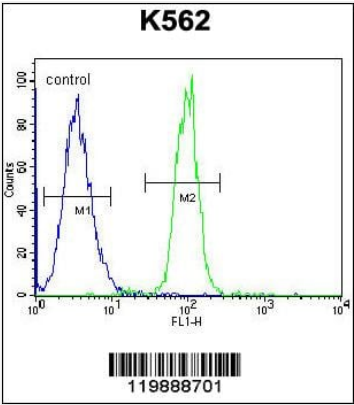
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286704	Rabbit	Human (Predicted Reactivity: Bovine)	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

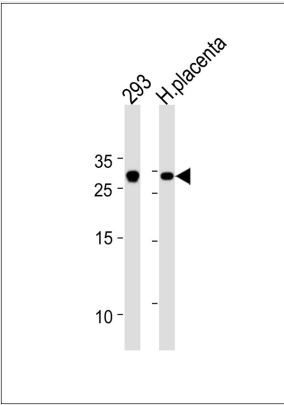
TCF21; Polyclonal Antibody; TCF21 Antibody (C-term); Transcription factor 21; TCF-21; Capsulin; Class A basic helix-loop-helix protein 23; bHLHa23; Epicardin; Podocyte-expressed 1; Pod-1; BHLHA23; POD1; anti-TCF21 antibody

PRODUCT SPECIFICATIONS

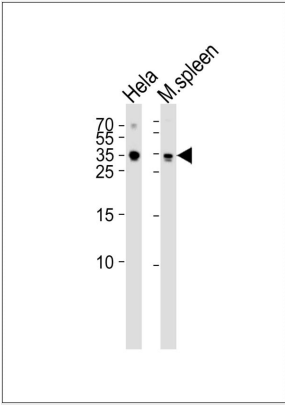
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TCF21 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-173 amino acids from the C-terminal region of human TCF21.
Purity/Purification	Peptide 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: 0.32 (varies by lot)
Sequence Positions	144-173
Sequence Length	179
Applicable Applications for anti-TCF21 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)
TCF21 Antibody (C-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)
TCF21 Antibody (C-term) western blot analysis in 293 cell line and human placenta tissue lysates (35ug/lane).This demonstrates the TCF21 antibody detected the TCF21 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from HeLa cell line mouse spleen tissue lysate(from left to right), using TCF21 Antibody (C-term). AAA286704 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF21 antibody	TCF21 encodes a transcription factor of the basic helix-loop-helix family. The TCF21 product is mesoderm specific, and expressed in embryonic epicardium, mesenchyme-derived tissues of lung, gut, gonad, and both mesenchymal and glomerular epithelial cells in the kidney. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-TCF21 antibody	Cardiovascular
References	Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008) Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) : Smith, L.T., et al. Proc. Natl. Acad. Sci. U.S.A. 103(4):982-987(2006) Colland, F., et al. Genome Res. 14(7):1324-1332(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38202237
NCBI GeneID	6943

NCBI Accession #	NP_003197.2; NP_938206.1
NCBI GenBank Nucleotide #	NM_003206.3
UniProt Accession #	O43680; O43545; Q6ICV0; Q9BZ14; E1P581
Molecular Weight	19715
NCBI Official Full Name	transcription factor 21
NCBI Official Synonym Full Names	transcription factor 21
NCBI Official Symbol	TCF21
NCBI Official Synonym Symbols	POD1; bHLHa23
NCBI Protein Information	transcription factor 21
UniProt Protein Name	Transcription factor 21
UniProt Gene Name	TCF21
UniProt Synonym Gene Names	BHLHA23; POD1; TCF-21; bHLHa23; Pod-1
UniProt Entry Name	TCF21_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/tcf21-antibody-western-blot-flow-cytometry-elisa/286704>