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TCF21 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP11577b

Specification

TCF21 Antibody (C-term) Blocking peptide - Product Information

Primary Accession O43680

TCF21 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 6943

Other Names
Transcription factor 21, TCF-21, Capsulin, Class A basic helix-loop-helix protein 23, bHLHa23, Epicardin, Podocyte-expressed 1, Pod-1, TCF21, BHLHA23, POD1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TCF21 Antibody (C-term) Blocking peptide - Protein Information

Name TCF21

Synonyms BHLHA23, POD1

Function
Involved in epithelial-mesenchymal interactions in kidney and lung morphogenesis that include epithelial differentiation and branching morphogenesis. May play a role in the specification or differentiation of one or more subsets of epicardial cell types.

Cellular Location
Nucleus.

TCF21 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TCF21 Antibody (C-term) Blocking peptide - Images

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TCF21 Antibody (C-term) Blocking peptide - Background

TCF21 encodes a transcription factor of the basichelix-loop-helix family. The TCF21 product is mesoderm specific,and expressed in embryonic epicardium, mesenchyme-derived tissuesof lung, gut, gonad, and both mesenchymal and glomerular epithelialcells in the kidney. Two transcript variants encoding the sameprotein have been found for this gene.

TCF21 Antibody (C-term) Blocking peptide - 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)