

TCF21 rabbit monoclonal antibody

Catalog # H00006943-K

Size 100 ug x up to 3

Specification

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|--------------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human TCF21 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human TCF21 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human TCF21 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TCF21

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| Entrez GeneID | 6943 |
| GeneBank Accession# | TCF21 |
| Gene Name | TCF21 |
| Gene Alias | POD1, bHLHa23 |
| Gene Description | transcription factor 21 |
| Omim ID | 603306 |
| Gene Ontology | Hyperlink |
| Gene Summary | TCF21 encodes a transcription factor of the basic helix-loop-helix family. The TCF21 product is m esoderm 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. [provided by RefSeq] |
| Other Designations | OTTHUMP00000017238 OTTHUMP00000017239 capsulin epicardin podocyte-expressed 1 |

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)