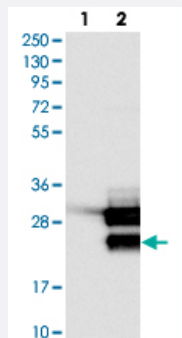


# TCF21 polyclonal antibody

Catalog # PAB21931      Size 100 uL

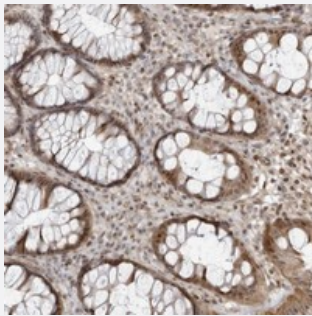
## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate).

Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells with TCF21 polyclonal antibody (Cat # PAB21931).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with TCF21 polyclonal antibody (Cat # PAB21931) shows moderate cytoplasmic and nuclear positivity in glandular cells.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant TCF21.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids of human TCF21.
<b>Sequence</b>	LSDVEDLQEVEMLECDGLKMDSNKEFVTSNESTEESNCENGSPQKGRGGLGKRRKAPTKKS PLSGVSQEGKQV
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

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## Gene Info — TCF21

Entrez GeneID	<a href="#">6943</a>
Protein Accession#	<a href="#">O43680</a>
Gene Name	TCF21
Gene Alias	POD1, bHLHa23
Gene Description	transcription factor 21
Omim ID	<a href="#">603306</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]

## Other Designations

OTTHUMP00000017238|OTTHUMP00000017239|capsulin|epicardin|podocyte-expressed 1

## Disease

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