

For Research Use Only

TCF21 Recombinant antibody, PBS Only

Catalog Number: 86294-2-PBS



Basic Information

Catalog Number:

86294-2-PBS

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32510

GenBank Accession Number:

BC025697

GeneID (NCBI):

6943

UNIPROT ID:

O43680

Full Name:

transcription factor 21

Calculated MW:

179 aa, 20 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

250960C8

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

TCF21 (Transcription factor 21), also known as POD1. It is predicted to be located in the nucleus. TCF21 is a prognostic marker in Breast invasive carcinoma, Kidney renal clear cell carcinoma, Liver hepatocellular carcinoma, Lung squamous cell carcinoma. This protein is involved in the epithelial-mesenchymal interaction in the morphogenesis of kidney and lung, including epithelial differentiation and branching morphogenesis. It may play a role in the specialization or differentiation of one or more epicardial cell types. The molecular weight of TCF21 is 20 kDa, it also has phosphorylation modification.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

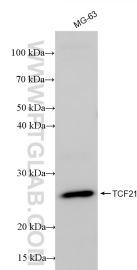
T: 4006900926

E: Proteintech-CN@ptglab.com

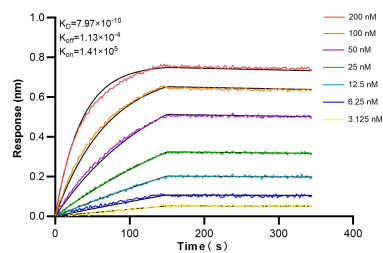
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86294-2-RR (TCF21 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86294-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86294-2-RR against Human TCF21 were performed. The affinity constant is 0.797 nM.