

For Research Use Only

TCF21 Recombinant antibody, PBS Only

Catalog Number: 86294-2-PBS



Basic Information

Catalog Number: 86294-2-PBS	GenBank Accession Number: BC025697	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6943	CloneNo.: 250960C8
Source: Rabbit	UNIPROT ID: O43680	
Isotype: IgG	Full Name: transcription factor 21	
Immunogen Catalog Number: AG32510	Calculated MW: 179 aa, 20 kDa	
	Observed MW: 25 kDa	

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

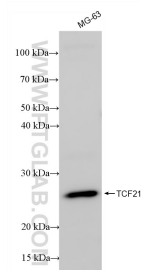
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

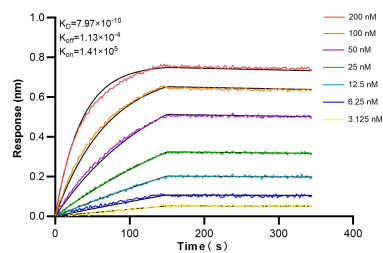
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Selected Validation Data



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.