

For Research Use Only

# TMIGD1 Polyclonal antibody, PBS Only

Catalog Number: 27174-1-PBS



## Basic Information

Catalog Number:

27174-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25691

GenBank Accession Number:

BC137201

GeneID (NCBI):

388364

UNIPROT ID:

Q6UXZ0

Full Name:

transmembrane and immunoglobulin domain containing 1

Calculated MW:

262 aa, 29 kDa

Observed MW:

45 kDa, 29 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

TMIGD1 (Transmembrane and immunoglobulin domain containing 1) is involved in various cellular processes such as regulation of cell structure, cell-cell adhesion, and cellular movement. It protects cells from oxidative- and nutrient-deprivation-induced cell injury by stabilizing the transepithelial electric resistance and permeability of renal epithelial cells. TMIGD1 has a calculated molecular mass of 29 kDa, and can be detected as 45 kDa due to the N-glycosylation (PMID: 26342724).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

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

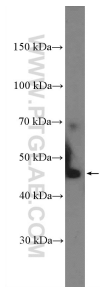
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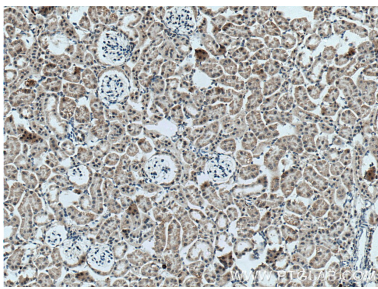
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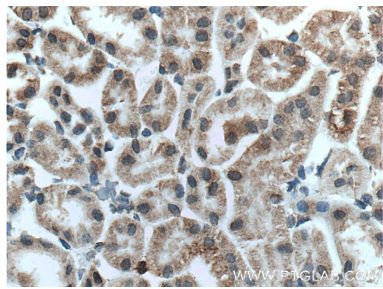
Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 27174-1-AP (TMIGD1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27174-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27174-1-AP (TMIGD1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27174-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27174-1-AP (TMIGD1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27174-1-PBS in a different storage buffer formulation.