

For Research Use Only

# TMED5 Polyclonal antibody

Catalog Number: 30393-1-AP



## Basic Information

Catalog Number:

30393-1-AP

Size:

150ul , Concentration: 300 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33253

GenBank Accession Number:

BC070051

GeneID (NCBI):

50999

UNIPROT ID:

Q9Y3A6

Full Name:

transmembrane emp24 protein transport domain containing 5

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, HeLa cells, MKN-45 cells, NCI-H1299 cells, mouse liver tissue, rat liver tissue

## Background Information

TMED5 ( transmembrane p24 trafficking protein 5) is highly expressed in cervical and bladder cancer cell lines. TMED5 promotes nuclear autophagy and the malignant behavior of cervical cancer cells (PMID:36530030). Moreover, TMED5 could interact with WNT7B and thus activate the canonical WNT-CTNNB1/ $\beta$ -catenin signaling pathway (PMID:30394198).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

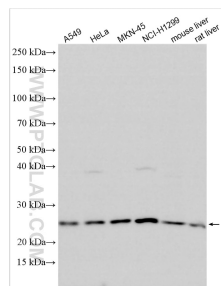
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30393-1-AP (TMED5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.