

For Research Use Only

PMEPA1 Polyclonal antibody

Catalog Number: 16521-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

16521-1-AP

Concentration:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9744

GenBank Accession Number:

BC015918

GeneID (NCBI):

56937

UNIPROT ID:

Q969W9

Full Name:

prostate transmembrane protein,
androgen induced 1

Calculated MW:

287 aa, 32 kDa

Observed MW:

32-36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : L02 cells, U2OS cells

IHC : human ovary tumor tissue,

Background Information

PMEPA1, also known as TMEPA1, was first discovered as androgen inducible gene in hormone responsive LNCaP cells. PMEPA1 is highly expressed in various solid tumors and is known to play important roles in the transforming growth factor- β (TGF- β) signaling pathway (PMID: 27697531).

Notable Publications

Author	Pubmed ID	Journal	Application
Dongxu Qiu	34777336	Front Immunol	WB, IHC
Masaru Koido	27697531	Biochem Biophys Res Commun	WB
Morgane Morabito	31328883	EMBO Mol Med	WB

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

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

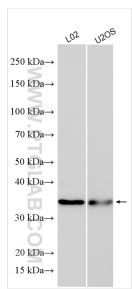
T: 4006900926

E: Proteintech-CN@ptglab.com

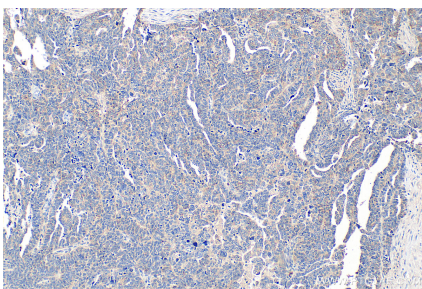
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16521-1-AP (PMEPA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 16521-1-AP (PMEPA1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).