
Product Name: PMEPA1 Rabbit Polyclonal Antibody**Catalog #: APRab16302**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	37kDa

Antigen Information

Gene Name	PMEPA1
Alternative Names	PMEPA1; STAG1; TMEPAI; Transmembrane prostate androgen-induced protein; Solid tumor-associated 1 protein
Gene ID	56937.0
SwissProt ID	Q969W9
Immunogen	The antiserum was produced against synthesized peptide derived from human TMEPA. AA range:101-150

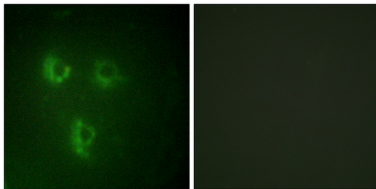
Background

This gene encodes a transmembrane protein that contains a Smad interacting motif (SIM). Expression of this gene is induced by androgens and transforming growth factor beta, and the encoded protein suppresses the androgen receptor and transforming growth factor beta signaling pathways through interactions with Smad proteins. Overexpression of this gene may play a role in multiple types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011],domain:The WW-binding motifs mediate interaction with NEDD4.,induction:By androgen.,similarity:Belongs to the PMEPA1 family.,subunit:Interacts with the WW domains of NEDD4.,tissue specificity:Highest expression in prostate. Also expressed in ovary.,

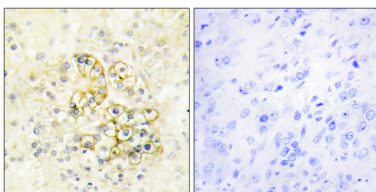
Research Area

Signal Transduction; Growth Factors/Hormones; Hormones

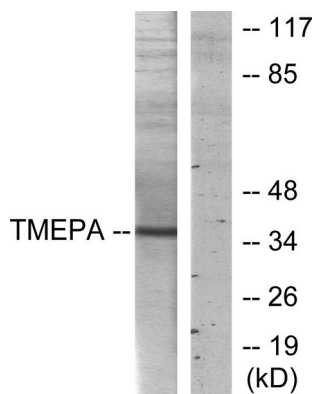
Image Data



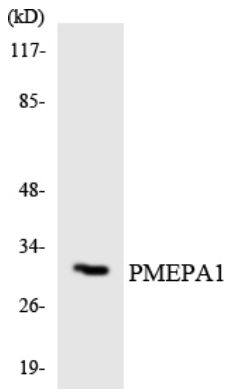
Immunofluorescence analysis of HUVEC cells, using TMEPA Antibody. The picture on the right is blocked with the synthesized peptide.



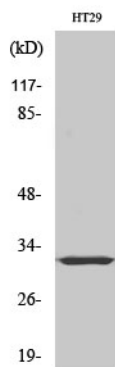
Immunohistochemistry analysis of paraffin-embedded human prostate tissue, using TMEPA Antibody. The picture on the right is blocked with the synthesized peptide.



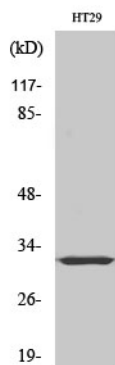
Western blot analysis of lysates from HT-29 cells, using TMEPA Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using PMEPA1 antibody.



Western Blot analysis of various cells using PMEPA1 Polyclonal Antibody diluted at 1 : 500



Western Blot analysis of HT29 cells using PMEPA1 Polyclonal Antibody diluted at 1: 500