BT LAB
Bioassay Technology Laboratory
Optimize Your Research

PMEPA1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07297
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TMEPA. AA range:101-150
Mol wt	31609
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	PMEPA1 Antibody
Synonyms	PMEPA1; STAG1; TMEPAI; Transmembrane prostate androgen-induced protein; Solid tumor-associated 1 protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PMEPA1 encodes a transmembrane protein that contains a Smad interacting motif (SIM). Expression of PMEPA1 is induced by androgens and transforming growth factor beta, and the encoded protein suppresses the androgen receptor and transforming growth factor beta signaling pathways though interactions with Smad proteins. Overexpression of PMEPA1 may play a role in multiple types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for PMEPA1.

Recommended Dilution

WB: 1: 500 - 1: 2000

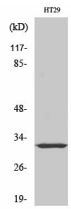
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

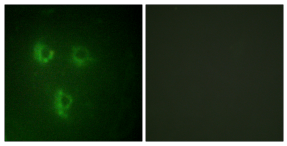
ELISA: 1: 20000

Not yet tested in other applications.

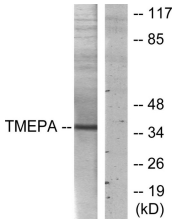
Images



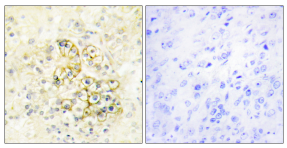
Western Blot analysis of various cells using PMEPA1 Polyclonal Antibody diluted at 1:500



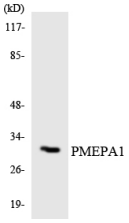
Immunofluorescence analysis of HUVEC cells, using TMEPA Antibody. The picture on the right is blocked with the synthesized peptide.



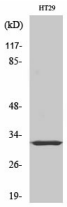
Western blot analysis of lysates from HT-29 cells, using TMEPA Antibody. The lane on the right is blocked with the synthesized peptide.



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 the lysates from HeLa cells using PMEPA1 antibody.



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

Storage

-20°C for one year

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