

Datasheet for ABIN6992158  
**anti-PMEPA1 antibody (AA 160-210)**



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## Overview

Quantity:	0.1 mg
Target:	PMEPA1
Binding Specificity:	AA 160-210
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PMEPA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	PMEPA1 antibody was raised against a 16 amino acid peptide near the center of human PMEPA1. The immunogen is located within amino acids 160 - 210 of PMEPA1.
Isotype:	IgG
Specificity:	PMEPA1 antibody is human, mouse and rat reactive. At least four isoforms are known to exist, this antibody will detect all of the isoforms.
Purification:	PMEPA1 antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	PMEPA1
Alternative Name:	PMEPA1 ( <a href="#">PMEPA1 Products</a> )

## Target Details

Background:	The prostate transmembrane protein, androgen induced 1 (PMEPA1) protein is a transmembrane protein that contains a Smad interacting motif (SIM) (1,2). 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 (3). Overexpression of this gene may play a role in multiple types of cancer (2,4).
Molecular Weight:	Predicted: 26, 28, 32 kDa  Observed: 27 kDa
Gene ID:	56937
NCBI Accession:	<a href="#">NP_064567</a>
UniProt:	<a href="#">Q969W9</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a>

## Application Details

Application Notes:	PMEPA1 antibody can be used for detection of PMEPA1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL.  Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PMEPA1 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	PMEPA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.