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Datasheet for ABIN7126849

Recombinant anti-PMEPA1 antibody

Overview

Quantity:	100 µg
Target:	PMEPA1
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This PMEPA1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human PMEPA1 protein
Isotype:	IgG
Specificity:	PMEPA1 (prostate transmembrane protein, androgen induced 1 is a 287 amino acid single-pass membrane protein that contains WW-binding motifs and localizes to the cell membrane. Expressed at high levels in prostate, kidney and ovary, PMEPA1 interacts with NEDD4 and may play a role in regulating AR (androgen receptor) levels, specifically in prostate cells. Down regulation of PMEPA1 is observed in prostate tumors, suggesting that PMEPA1 may exhibit activity as a tumor suppressor. Overexpression of this protein may play a role in multiple types of cancer.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	PMEPA1
Alternative Name:	PMEPA1 (PMEPA1 Products)
Background:	<p>PMEPA, PMEPA1, Prostate transmembrane protein, androgen induced 1, Solid tumor-associated 1 protein, STAG1, TMEPAI, Transmembrane prostate androgen-induced protein, Transmembrane, prostate androgen induced RNA,PMEPA1 / TMEPAI (Tumor Suppressor Oncoprotein)</p> <p>Cellular localisation: Cell surface. Cytoplasm.</p>
Molecular Weight:	32kDa
Gene ID:	56937, 517155
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

Application Details

Application Notes:	<p>Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.</p> <p>Positive_Control: Human prostate, breast or renal cell carcinoma tissue (IHC).</p>
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months