

Rabbit PMEPA1 Polyclonal Antibody | anti-PMEPA1 antibody

PMEPA1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281665	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

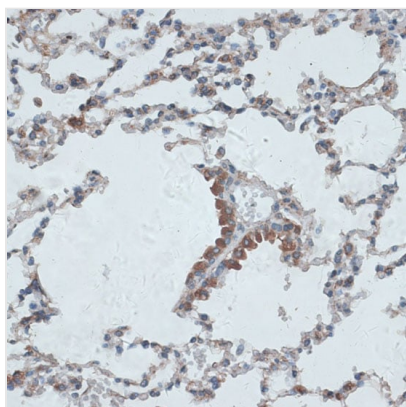
PRODUCT SYNONYMS

PMEPA1; Polyclonal Antibody; PMEPA1 Rabbit pAb; STAG1; TMEPAI; anti-PMEPA1 antibody

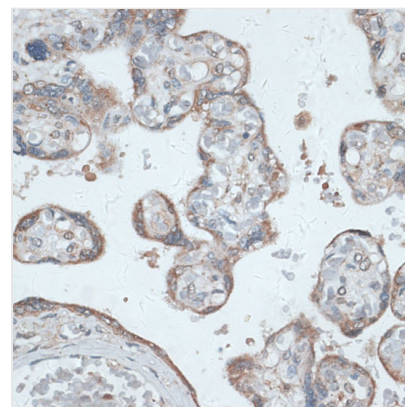
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	PSSNSGISAT CYGSGGRMEG PPPTYSEVIG HYPGSSFQHQ QSSGPPSLLE GTRLHHTHIA PLESAAIWSK EKDKQKGHPL
Applicable Applications for anti-PMEPA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 173-252 of human PMEPA1 (NP_954638.1).
Cellular Location	Early endosome membrane, Golgi apparatus membrane, Single-pass membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

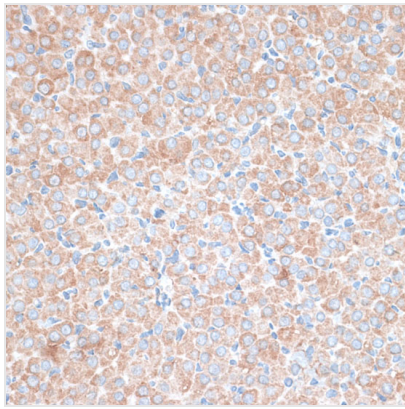
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using PMEPA1 antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using PMEPA1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded rat ovary using PMEPA1 antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-PMEPA1 antibody	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.
Product Categories/Family for anti-PMEPA1 antibody	Cell Biology & Developmental Biology; TGF-b-Smad Signaling Pathway; Regulator

NCBI AND UNIPROT INFORMATION

NCBI GI #	364023812
NCBI GeneID	56937
NCBI Accession #	NP_001242905.1
NCBI GenBank Nucleotide #	NM_001255976.1
UniProt Accession #	Q969W9; Q5TDR6; Q8NER4; Q96B72; Q9UJD3
Molecular Weight	31,609 Da
NCBI Official Full Name	transmembrane prostate androgen-induced protein isoform d
NCBI Official Synonym Full Names	prostate transmembrane protein, androgen induced 1
NCBI Official Symbol	PMEPA1
NCBI Official Synonym Symbols	STAG1; TMEPAI
NCBI Protein Information	transmembrane prostate androgen-induced protein; solid tumor-associated 1 protein; transmembrane, prostate androgen induced RNA
UniProt Protein Name	Transmembrane prostate androgen-induced protein
UniProt Gene Name	PMEPA1
UniProt Synonym Gene Names	STAG1; TMEPAI
UniProt Entry Name	PMEPA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

