



TMEPAI Monoclonal Antibody

Catalog No	YP-mAb-00588
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PMEPA1 STAG1 TMEPAI
Immunogen	Synthetic peptide from human protein at AA range: 240-287
Specificity	The antibody detects endogenous TMEPAI
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Transmembrane prostate androgen-induced protein;TMEPAI;STAG1;Solid tumor-associated 1 protein;PMEPA1 STAG1 TMEPAI;Transmembrane prostate androgen-induced protein (Solid tumor-associated 1 protein)
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Early endosome membrane; Single-pass membrane protein. Golgi apparatus membrane; Single-pass membrane protein.
Tissue Specificity	Highest expression in prostate. Also expressed in ovary.
Function	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.,
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],

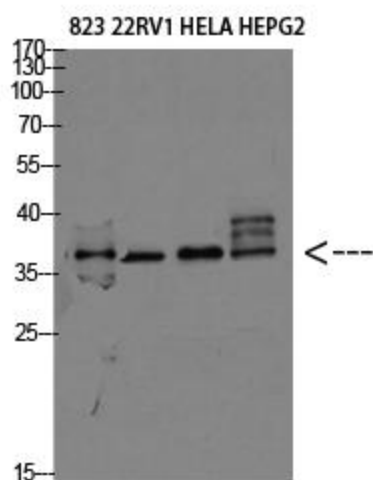
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TMEPAI Monoclonal Antibody