# TMEPAI Polyclonal Antibody

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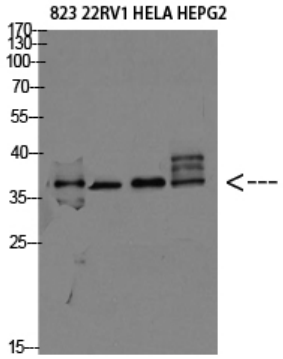
| **Catalog No** | YP-Ab-00588 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse; |
| **Applications** | WB;ELISA |
| **Gene Name** | PMEPA1 STAG1 TMEPAI |
| **Protein Name** | TMEPAI |
| **Immunogen** | Synthetic peptide from human protein at AA range: 240-287 |
| **Specificity** | The antibody detects endogenous TMEPAI |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | WB 1:500-2000, ELISA 1:10000-20000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | Transmembrane prostate androgen-induced protein (Solid tumor-associated 1 protein) |
| **Observed Band** | 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 though 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 823 22RV1 HELA HEPG2 Cell Lysate, antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000