

## TMPS2 rabbit pAb

<b>Catalog No :</b>	YT7507
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB
<b>Target :</b>	TMPS2
<b>Fields :</b>	>>Influenza A;>>Coronavirus disease - COVID-19;>>Transcriptional misregulation in cancer;>>Prostate cancer
<b>Gene Name :</b>	TMPRSS2 PRSS10
<b>Protein Name :</b>	TMPS2
<b>Human Gene Id :</b>	7113
<b>Human Swiss Prot No :</b>	O15393
<b>Mouse Gene Id :</b>	50528
<b>Mouse Swiss Prot No :</b>	Q9JIQ8
<b>Immunogen :</b>	Synthesized peptide derived from human TMPS2 AA range: 98-148
<b>Specificity :</b>	This antibody detects endogenous levels of TMPS2 at Human/Mouse
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1[?]500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 54kD

**Background :** This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in many physiological and pathological processes. This gene was demonstrated to be up-regulated by androgenic hormones in prostate cancer cells and down-regulated in androgen-independent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008],

**Function :** similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 LDL-receptor class A domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SRCR domain.,subcellular location:Activated by cleavage and secreted.,tissue specificity:Expressed strongly in small intestine. Also expressed in prostate, colon, stomach and salivary gland.,

**Subcellular Location :** Cell membrane ; Single-pass type II membrane protein .; [Transmembrane protease serine 2 catalytic chain]: Secreted . Activated by cleavage and secreted.

**Expression :** Expressed in several tissues that comprise large populations of epithelial cells with the highest level of transcripts measured in the prostate gland. Expressed in type II pneumocytes in the lung (at protein level). Expressed strongly in small intestine. Also expressed in colon, stomach and salivary gland. Coexpressed with ACE2 within lung type II pneumocytes, ileal absorptive enterocytes, intestinal epithelial cells, cornea, gallbladder and nasal goblet secretory cells (Ref.21).

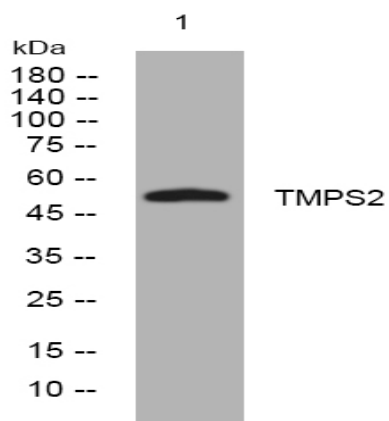
**Sort :** 17246

**No4 :** 1

**Host :** Rabbit

**Modifications :** Unmodified

**Products Images**



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4° over night