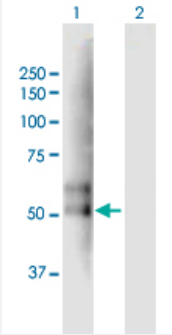
MaxPab®

TMPRSS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007113-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TMPRSS2 expression in transfected 293T cell line (H00007113-T01) by TMPRSS2 MaxPab polyclonal antibody.

Lane 1: TMPRSS2 transfected lysate(53.90 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human TMPRSS2 protein.
Immunogen	TMPRSS2 (AAH51839.1, 1 a.a. ~ 492 a.a) full-length human protein.
Sequence	MALNSGSPPAIGPYYENHGYQPENPYPAQPTVVPTVYEVHPAQYYPSPVPQYAPRVLTQASNPVV CTQPKSPSGTVCTSKTKKALCITLTLGTFLVGAALAAGLLWKFMGSKCSNSGIECDSSGTCINPSN WCDGVSHCPGGEDENRCVRLYGPNFILQVYSSQRKSWHPVCQDDWNENYGRAACRDMGYKN NFYSSQGIVDDSGSTSFMKLNTSAGNVDIYKKLYHSDACSSKAVVSLRCIACGVNLNSSRQSRIVG GESALPGAWPWQVSLHVQNVHVCGGSIITPEWIVTAAHCVEKPLNNPWHWTAFAGILRQSFMFY GAGYQVEKVISHPNYDSKTKNNDIALMKLQKPLTFNDLVKPVCLPNPGMMLQPEQLCWISGWGA TEEKGKTSEVLNAAKVLLIETQRCNSRYVYDNLITPAMICAGFLQGNVDSCQGDSGGPLVTSKNNI WWLIGDTSWGSGCAKAYRPGVYGNVMVFTDWIYRQMRADG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — TMPRSS2

Entrez GeneID	7113
GeneBank Accession#	BC051839.1
Protein Accession#	AAH51839.1
Gene Name	TMPRSS2
Gene Alias	FLJ41954, PP9284, PRSS10
Gene Description	transmembrane protease, serine 2
Omim ID	602060
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that belongs to the serine protease family. The encoded protein cont ains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-r ich domain and a protease domain. Serine proteases are known to be involved in many physiolog ical 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 t issue. The protease domain of this protein is thought to be cleaved and secreted into cell media a fter autocleavage. Alternatively spliced transcript variants encoding different isoforms have been f ound for this gene. [provided by RefSeq
Other Designations	epitheliasin

Disease

- Genetic Predisposition to Disease
- Prostate cancer
- Prostatic Neoplasms