

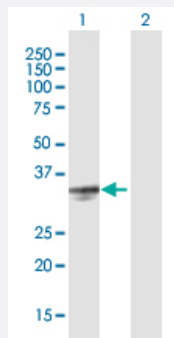
MaxPab®

# PRSS21 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010942-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of PRSS21 expression in transfected 293T cell line ([H00010942-T01](#)) by PRSS21 MaxPab polyclonal antibody.

Lane 1: PRSS21 transfected lysate(34.54 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                               |                                                                                                                                                                                                                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse polyclonal antibody raised against a full-length human PRSS21 protein.                                                                                                                                                                                                                                                  |
| Immunogen                     | PRSS21 (NP_006790.1, 1 a.a. ~ 314 a.a) full-length human protein.                                                                                                                                                                                                                                                             |
| Sequence                      | MGARGALLALLARAGLRKPESQEAAPLSGPCGRRVITSRVGGEDAELGRWPWQGSLRLWDS<br>HVCVSLLSHRWALTAHCFETYSDLSDPGWMVQFGQLTSMPSFWSLQAYYTRYFVSNYLS<br>RYLGNSPYDIALVKLSAPVTYTKHIQPICLQASTFEFENRTDCWVTGWGYKEDALPSPHTLQEVQ<br>VAIINNSMCNHLFLKYFRKDFGDMVCAGNAQGGKDACFGDSGGPLACNKNGLWYQIGVVSWG<br>VGCGRPNRPGVYTNISHHFEWIQKLMAQSGMSQPDPSWPLFFPLLWALPLLGPV |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                         |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                         |
| Interspecies Antigen Sequence | Mouse (64); Rat (62)                                                                                                                                                                                                                                                                                                          |
| 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 — PRSS21

|               |                       |
|---------------|-----------------------|
| Entrez GeneID | <a href="#">10942</a> |
|---------------|-----------------------|

|                     |                             |
|---------------------|-----------------------------|
| GeneBank Accession# | <a href="#">NM_006799.2</a> |
|---------------------|-----------------------------|

|                    |                             |
|--------------------|-----------------------------|
| Protein Accession# | <a href="#">NP_006790.1</a> |
|--------------------|-----------------------------|

|           |        |
|-----------|--------|
| Gene Name | PRSS21 |
|-----------|--------|

|            |                              |
|------------|------------------------------|
| Gene Alias | ESP-1, ESP1, TEST1, TESTISIN |
|------------|------------------------------|

|                  |                                 |
|------------------|---------------------------------|
| Gene Description | protease, serine, 21 (testisin) |
|------------------|---------------------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">608159</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Summary | This gene encodes a cell-surface anchored serine protease, which is a member of the trypsin family of serine proteases. It is predicted to be active on peptide linkages involving the carboxyl group of lysine or arginine. The protein localizes to the cytoplasm and the plasma membrane of premeiotic testicular germ cells and it may be involved in progression of testicular tumors of germ cell origin. Alternative splicing of this gene results in three transcript variants encoding three different isoforms. [provided by RefSeq] |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                    |                                           |
|--------------------|-------------------------------------------|
| Other Designations | serine protease from eosinophils testisin |
|--------------------|-------------------------------------------|

## Publication Reference

- [Interaction of testisin with maspin and its impact on invasion and cell death resistance of cervical cancer cells.](#)

Yeom SY, Jang HL, Lee SJ, Kim E, Son HJ, Kim BG, Park C.

FEBS Letters 2010 Apr; 584(8):1469.

Application: IF, WB-Tr, Human, HeLa cells