

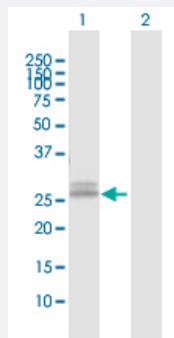
MaxPab®

# KLK7 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005650-D01

Size 100 uL

## Applications

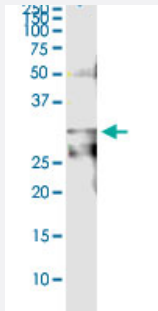


### Western Blot (Transfected lysate)

Western Blot analysis of KLK7 expression in transfected 293T cell line ([H00005650-T02](#)) by KLK7 MaxPab polyclonal antibody.

Lane 1: KLK7 transfected lysate(27.50 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of KLK7 transfected lysate using anti-KLK7 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with KLK7 purified MaxPab mouse polyclonal antibody (B02P) ([H00005650-B02P](#)).

## Specification

|                     |                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against a full-length human KLK7 protein.                                                                                                                                                                                              |
| Immunogen           | KLK7 (NP_005037.1, 1 a.a. ~ 253 a.a) full-length human protein.                                                                                                                                                                                                          |
| Sequence            | MARSLLLPLQILLLSLALETAGEEAAQGDKIIDGAPCARGSHPWQVALLSGNQLHCGGVLVNERWV<br>LTAAHCKMNEYTVHLGSDTLGDRRAQRIKASKSFRHPGYSTQTHVNDLMLVKLNSQARLSSMVK<br>KVRLPSRCEPPGTTCTVSGWGTTTSPDVTFPDLMCVDVKLISPQDCTKVYKDLLNSMLCAGIP<br>DSKKNACNGDSGGPLVCRGTLQGLVSWGTFPCGQPNDPGVYTQVCKFTKWINDTMKKHR |
| Host                | Rabbit                                                                                                                                                                                                                                                                   |
| Reactivity          | Human                                                                                                                                                                                                                                                                    |

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer          | No additive                                                              |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — KLK7

|                     |                                |
|---------------------|--------------------------------|
| Entrez GeneID       | <a href="#">5650</a>           |
| GeneBank Accession# | <a href="#">NM_005046.2</a>    |
| Protein Accession#  | <a href="#">NP_005037.1</a>    |
| Gene Name           | KLK7                           |
| Gene Alias          | PRSS6, SCCE                    |
| Gene Description    | kallikrein-related peptidase 7 |
| Omim ID             | <a href="#">604438</a>         |
| Gene Ontology       | <a href="#">Hyperlink</a>      |

**Gene Summary**

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its encoded enzyme is thought to be involved in the proteolysis of intercellular cohesive structures preceding desquamation, which is the shedding of the outermost layer of the epidermis. Alternative splicing of this gene results in two transcript variants encoding the same protein. [provided by RefSeq]

**Other Designations**

kallikrein 7 (chymotryptic, stratum corneum)|protease, serine, 6|signal protein|stratum corneum chymotryptic enzyme

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