

**PSA/KLK3 Antibody**  
Rabbit mAb  
Catalog # AP90776

## Specification

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### PSA/KLK3 Antibody - Product Information

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P07288</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
Prostate-specific antigen; PSA; Gamma-seminoprotein; Seminol; Kallikrein-3; P-30 antigen; Semenogelase; KLK3; APS;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>28741 Da</b>

### PSA/KLK3 Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human PSA/KLK3</b>
Description	<b>PSA/KLK3 is a member of the glandular kallikrein subfamily of serine proteases. Upon cleavage of 7 amino-terminal amino acids, it is activated to liquefy semen in the seminal coagulum. Although PSA/KLK3 is produced in healthy individuals, investigators have found abnormally high levels in the blood of men with advanced prostate cancer.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### PSA/KLK3 Antibody - Protein Information

**Name** KLK3

**Synonyms** APS

#### **Function**

Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum.

#### **Cellular Location**

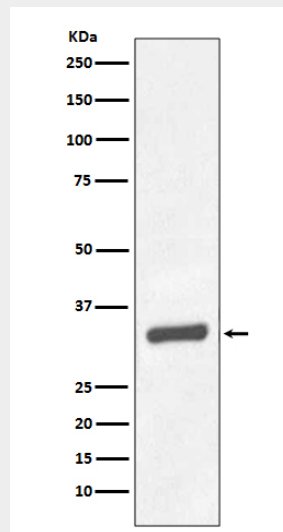
Secreted.

## PSA/KLK3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## PSA/KLK3 Antibody - Images



Western blot analysis of PSA/KLK3 expression in Human prostate carcinoma tissue lysate.