

# Goat anti-PSA (isoform 1) / KLK3 Antibody

Peptide-affinity purified goat antibody

Catalog # AF4464a

## Product Information

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|--------------------------|-----------------------------|
| <b>Application</b>       | WB, IHC, Pep-ELISA          |
| <b>Primary Accession</b> | <a href="#">P07288</a>      |
| <b>Other Accession</b>   | <a href="#">NP_001639.1</a> |
| <b>Reactivity</b>        | Human                       |
| <b>Host</b>              | Goat                        |
| <b>Clonality</b>         | Polyclonal                  |
| <b>Clone Names</b>       | KLK3                        |
| <b>Calculated MW</b>     | 28741                       |

## Additional Information

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|--------------------|---|
| <b>Gene ID</b>     | 354   |
| <b>Other Names</b> | KLK3; APS; PSA; hK3; KLK2A1; kallikrein 3, (prostate specific antigen); seminin; P-30 antigen; semenogelase; gamma-seminoprotein; prostate specific antigen |
| <b>Dilution</b>    | WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A  |
| <b>Format</b>      | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Immunogen</b>   | This antibody is expected to recognise isoform 1 (NP_001639.1) only.  |
| <b>Storage</b>     | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                    |
| <b>Precautions</b> | Goat anti-PSA (isoform 1) / KLK3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                 |

## Protein Information

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|--------------------------|--|
| <b>Name</b>              | KLK3   |
| <b>Synonyms</b>          | APS  |
| <b>Function</b>          | Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum. |
| <b>Cellular Location</b> | Secreted.  |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.