

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

<b>Item Number</b>	dAP-3472
<b>Target Molecule</b>	Principle Name: PSA (isoform 1) / KLK3; Official Symbol: KLK3; All Names and Symbols: KLK3; APS; PSA; hK3; KLK2A1; kallikrein 3, (prostate specific antigen); seminin; P-30 antigen; semenogelase; gamma-seminoprotein; prostate specific antigen; Accession Number (s): NP_001639.1; Human Gene ID(s): 354; Non-Human GeneID(s):
<b>Immunogen</b>	TKVVHYRKWIKD, is from C Terminus This antibody is expected to recognise isoform 1 (NP_001639.1) only.
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 30-35kDa band observed in Human Prostate lysates (calculated MW of 28.7kDa according to NP_001639.1). Recommended concentration: 0.003-0.01 µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Berger AP, Deibl M, Steiner H, Bektic J, Pelzer A, Spranger R, Klocker H, Bartsch G, Hörniger W. Longitudinal PSA changes in men with and without prostate cancer: Assessment of prostate cancer risk. <i>Prostate</i> . 2005 Feb 14; [Epub ahead of print] .PMID: 15712213 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**