

#### **International Office**

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# EB06893 - Goat Anti-PSA (isoform 1) / KLK3 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** KLK3, APS, PSA, hK3, KLK2A1, kallikrein 3, (prostate specific antigen), seminin, P-30 antigen, semenogelase, gamma-seminoprotein, prostate specific antigen

Official Symbol: KLK3

Accession Number(s): NP\_001639.1

Human GeneID(s): 354

Important Comments: This antibody is expected to recognise isoform 1 (NP\_001639.1)

only.

## **Immunogen**

Peptide with sequence C-TKVVHYRKWIKD, from the C Terminus of the protein sequence according to NP\_001639.1.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

**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

 $\mu g/ml$ . Primary incubation 1 hour.at room temperature.

IHC: Paraffin embedded Human Prostate. Recommended concentration: 2.5µg/ml.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB06893 ( $0.01\mu g/ml$ ) staining of Human Prostate lysate ( $35\mu g$  protein in RIPA buffer). Detected by chemiluminescence.



EB06893 (2.5μg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.