

## Polyclonal Antibody to KLK15 / Kallikrein-15 - Purified

**Alternate names:** ACO protease

**Catalog No.:** AP13394PU-N

**Quantity:** 0.4 ml

**Concentration:** lot specific

**Background:** 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. In prostate cancer, KLK15 has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer.

**Uniprot ID:** [Q9H2R5](#)

**NCBI:** [9606](#)

**GeneID:** [55554](#)

**Host / Isotype:** Rabbit / Ig

**Immunogen:** This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the center region of human KLK15.

**Format:** **State:** Liquid purified Ig

**Purification:** Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

**Buffer System:** PBS with 0.09% (W/V) sodium azide

**Applications:** ELISA: 1/1,000.

Western blotting: 1/100 - 1/500.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:** This antibody reacts to KLK15.

**Species:** Human.

Other species not tested.

**Storage:** Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**Caution:** This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**General Readings:** 1. Yousef, G.M., et al., J. Clin. Oncol. 21(16):3119-3126 (2003).

2. Yousef, G.M., et al., Br. J. Cancer 87(11):1294-1300 (2002).

3. Diamandis, E.P., et al., Expert Rev Mol Diagn 1(2):182-190 (2001).

4. Takayama, T.K., et al., Biochemistry 40(6):1679-1687 (2001).

5. Yousef, G.M., et al., J. Biol. Chem. 276(1):53-61 (2001).

**Pictures:**

Western blot analysis of anti-KLK15 Pab in mouse kidney tissue lysate. KLK15 (arrow) was detected using the purified Pab.

