

## Polyclonal Antibody to KLK10 / Kallikrein-10 - Purified

<b>Alternate names:</b>	NES1, Normal epithelial cell-specific 1, PRSSL1, Protease serine-like 1
<b>Catalog No.:</b>	AP13382PU-N
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	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. KLK10 is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers.
<b>Uniprot ID:</b>	<a href="#">O43240</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>GeneID:</b>	<a href="#">5655</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human KLK10.
<b>Format:</b>	<b>State:</b> Liquid purified Ig <b>Purification:</b> Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	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.
<b>Specificity:</b>	This antibody reacts to Kallikrein 10 (KLK10). <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	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.
<b>Caution:</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
<b>General Readings:</b>	1. Diamandis, E.P., et al., Clin. Biochem. 37(3):230-237 (2004). 2. Sauter, E.R., et al., Int. J. Cancer 108(4):588-591 (2004). 3. Petraki, C.D., et al., Prostate Cancer Prostatic Dis. 6(3):223-227 (2003). 4. Petraki, C.D., et al., J. Histochem. Cytochem. 50(9):1247-1261 (2002). 5. Bharaj, B.B., et al., Prostate 51(1):35-41 (2002).

Pictures:

Western blot analysis of anti-KLK10 Pab in mouse brain tissue lysate. KLK10 (arrow) was detected using the purified Pab.

