

Datasheet

KLK6 polyclonal antibody

Catalog Number: PAB15522

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against full length recombinant KLK6.

Immunogen: Recombinant protein corresponding to full length human KLK6.

Host: Rabbit

Reactivity: Human

Applications: WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Sequence has 85% identity with canine, 82% identity with horse and 80% identity with bovine. This antibody is useful for Western blot, where a band is seen ~38KDa due to glycosylation.

Form: Liquid

Recommend Usage: Western Blot (1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.1% sodium azide)

Storage Instruction: Store at 4°C for short term. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5653

Gene Symbol: KLK6

Gene Alias: Bssp, Kik7, MGC9355, NEUROSIN, PRSS18, PRSS9, SP59, ZYME, hK6

Gene Summary: 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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. The encoded enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene. [provided by RefSeq]

References:

1. Differential N-glycosylation of kallikrein 6 derived from ovarian cancer cells or the central nervous system. Kuzmanov U, Jiang N, Smith CR, Soosaipillai A, Diamandis EP. Mol Cell Proteomics. 2009 Apr;8(4):791-8. Epub 2008 Dec 16.
2. Caveolin-1-mediated expression and secretion of kallikrein 6 in colon cancer cells. Henkhaus RS, Roy UK, Cavallo-Medved D, Sloane BF, Gerner EW, Ignatenko NA. Neoplasia. 2008 Feb;10(2):140-8.