



# KLK1 rabbit pAb

Cat No.:ES4179

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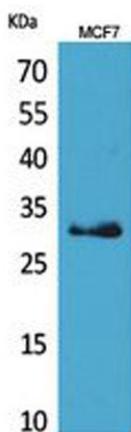
## Overview

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | KLK1 rabbit pAb  |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;IHC   |
| <b>Species Cross-Reactivity</b> | Human;Rat;Mouse;   |
| <b>Recommended dilutions</b>    | WB 1:500-2000;IHC-p 1:50-300   |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from the Internal region of human KLK1. AA range:81-130   |
| <b>Specificity</b>              | KLK1 Polyclonal Antibody detects endogenous levels of KLK1 protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Kallikrein-1   |
| <b>Gene Name</b>                | KLK1   |
| <b>Cellular localization</b>    | nucleus,extracellular exosome,   |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 29kD   |
| <b>Human Gene ID</b>            | 3816   |
| <b>Human Swiss-Prot Number</b>  | P06870   |
| <b>Alternative Names</b>        | KLK1; Kallikrein-1; Kidney/pancreas/salivary gland kallikrein; Tissue kallikrein   |
| <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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. This protein |





is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq, Jul 2008],



Western Blot analysis of MCF7 cells using KLK1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

