

KLK4

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 27kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human KLK4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ARM1; EMSP; PSTS; AI2A1; EMSP1; KLK-L1; PRSS17; kallikrein;

Catalog #: A6642

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 9622

Isotype: IgG

Swiss Prot: Q9Y5K2

Purity: Affinity purification

For research use only.

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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. In some tissues its expression is hormonally regulated. The expression pattern of a similar mouse protein in murine developing teeth supports a role for the protein in the degradation of enamel proteins. Alternate splice variants for this gene have been described, but their biological validity has not been determined.

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