

KLK2

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 29kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human KLK2

Storage Buffer:

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

Synonym:

hK2; hGK-1; KLK2A2

Catalog #: A2990

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3817

Isotype: IgG

Swiss Prot: P20151

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the grandular kallikrein protein family. Kallikreins are a subgroup of serine proteases that are clustered on chromosome 19. Members of this family are involved in a diverse array of biological functions. The protein encoded by this gene is a highly active trypsin-like serine protease that selectively cleaves at arginine residues. This protein is primarily expressed in prostatic tissue and is responsible for cleaving pro-prostate-specific antigen into its enzymatically active form. This gene is highly expressed in prostate tumor cells and may be a prognostic maker for prostate cancer risk. Alternate splicing results in both coding and non-coding transcript variants.

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