

**bs-1965R****[ Primary Antibody ]****KLK4 Rabbit pAb****Bioss**  
**ANTIBODIES**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit)
<b>GeneID:</b> 9622	<b>SWISS:</b> Q9Y5K2	
<b>Target:</b> KLK4		<b>Predicted MW.:</b> 24 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human KLK4: 101-200/254.		<b>Subcellular Location:</b> Secreted
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<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. 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. [provided by RefSeq].		

**— SELECTED CITATIONS —**

- **[IF=3.606]** Xie, Yongting. et al. Amelogenesis imperfecta in a Chinese family resulting from a FAM83H variation and the effect of FAM83H on the secretion of enamel matrix proteins. CLIN ORAL INVEST. 2022 Nov;;1-11 WB ;Rat. 36318336