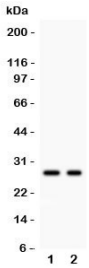
Kallikrein 4 Antibody (R31673)

Catalog No.	Formulation	Size
R31673	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	9622
Applications	Western blot: 0.5-1ug/ml
Limitations	This Kallikrein 4 antibody is available for research use only.



Western blot testing of Kallikrein 4 antibody and Lane 1: 293T; 2: MCF-7 lysate.
Predicted size ~27KD, observed size 27~32KD



Western blot testing of Kallikrein 4 antibody and recombinant human protein (0.5ng)

Description

Kallikrein 4, also known as PSTS or EMSP1, is a protein which in humans is encoded by the KLK4 gene. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. KLKs are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. In particular, they may serve as biomarkers for both prostate cancer and breast cancer. It has been found that Kallikrein 4 is a proliferative factor with effects on gene expression and it may have a role in prostate cancer development and progression.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Kallikrein 4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 31-254) was used as the immunogen for this Kallikrein 4 antibody.

Storage

After reconstitution, the Kallikrein 4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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