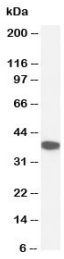
Kallikrein 5 Polyclonal Antibody (R30713)

Catalog No.	Formulation	Size
R30713	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Species Reactivity	Mouse, Rat
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/thimerosal
UniProt	Q9D140
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This Kallikrein 5 Polyclonal Antibody is available for research use only.



Kallikrein 5 Polyclonal Antibody Mouse Liver WB. Western blot testing of Kallikrein-5 antibody and mouse liver tissue lysate.

Description

Kallikrein 5 Polyclonal Antibody specifically detects KLK5 / Kallikrein-5, formerly known as Stratum corneum tryptic enzyme (SCTE) or KLKL2, a serine protease expressed in the epidermis. The gene is one of the fifteen kallikrein subfamily members which is located on 19q13.41. KLK5 has been suggested to regulate cell shedding in conjunction with KLK7 and KLK14, given its ability to degrade proteins which form the extracellular component of cell junctions in the stratum corneum. The KLK5 gene contains 5 coding exons spanning 9.3. KLK5 expression is upregulated in a breast cancer cell line in the presence of estrogens and progestins and is associated with more aggressive forms of epithelial ovarian carcinoma.

For highly specific detection of KLK5-associated epithelial barrier signaling pathways, see our Kallikrein 5 Antibody / Epidermal Barrier Protease Antibody page featuring clone KLK5/3841 with IHC and HuProt(TM) microarray specificity validation data.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Kallikrein 5 Polyclonal Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of mouse Kallikrein-5 (NLCEFVKWIKDTMNSN) was used as the immunogen for this Kallikrein 5 Polyclonal Antibody.

Storage

After reconstitution, the Kallikrein 5 Polyclonal Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Alternate Names

KLK5 antibody, Kallikrein related peptidase 5 antibody, Kallikrein-like protein 2 antibody, KLK-L2 antibody, KLKL2 antibody, Stratum corneum tryptic enzyme antibody, SCTE antibody

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