

Polyclonal Antibody to KLK5 / Kallikrein-5 (pro-) - Serum

Alternate names:	KLK-5, KLK-L2, Kallikrein-Like Protein 2, SCTE, Stratum corneum tryptic enzyme
Catalog No.:	AP20019SU-N
Quantity:	0.2 ml
Background:	Human Kallikrein 5 (KLK5) is a serine protease produced in its inactive form. It is found in catalytically active form in stratum corneum. It has been reported to degrade desmosomes/corneodesmosomes, suggesting that it is involved in desquamation. Egelrud et al. (2005) hK5 and hK7, two serine proteinases abundant in human skin, are inhibited by LEKTI domain 6. <i>J Invest Dermatol</i> , 124(1):198-203.
Uniprot ID:	Q9Y337
NCBI:	NP_001070959
GeneID:	25818
Host:	Rabbit
Immunogen:	Recombinant Human pro-Kallikrein-5.
Format:	State: Lyophilized Serum. Reconstitution: Restore with 200 µl of sterile water.
Applications:	Western blot: 1/1000 with standard ECL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects both Denatured and Native Kallikrein 5. Slight Cross-Reactivity to other Kallikreins has been noticed.
Species Reactivity:	Tested: Human.
Add. Information:	Expected/Apparent MW: 32/29, 37 kDa
Storage:	Store the antibody (in aliquots) at -20°C Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Figure 1. Western Blot of 10 μ l conditional medium using pro-KLK5 antibody (1/1000). Lane 1: Debatured Protein. Lane 2: Native Protein. The antibody is conjugated to Alkaline Phosphatase.

