

Polyclonal Antibody to KLK14 / Kallikrein-14 - Aff - Purified

Alternate names:	KLK-L6, KLKL6, Kallikrein-like protein 6
Catalog No.:	AP20016PU-N
Quantity:	0.1 mg
Background:	Human kallikrein 14 (KLK14) belongs to a family of 15 trypsin or chymotrypsin-like secreted serine proteases. It is produced as an inactive precursor and the catalytically active form is found in stratum corneum.
Uniprot ID:	Q9P0G3
NCBI:	NP_071329.2
GeneID:	43847
Host:	Rabbit
Immunogen:	Synthetic peptides -KLH conjugated derived from N-terminal and C-terminal ends of Human KLK14.
Format:	State: Lyophilized purified IgG fraction. Purification: Affinity Chromatography. Buffer System: PBS pH 7.4 without preservatives. Reconstitution: Restore with 100 µl of sterile water.
Applications:	Western blot: 1/1000 with standard ECL. Immunohistochemistry: 6 µg/ml on paraffin embedded sections. 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 KLK14 protein. Cross-reactivity has been observed towards KLK3 (PSA) and KLK4.
Species Reactivity:	Tested: Human.
Add. Information:	Expected/Apparent MW: 28 kDa
Storage:	Store the antibody (in aliquots) at -20°C Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Figure 1. AP20016PU-N Kallikrein-14/KLK14 antibody staining of Palmar Skin. The KLK14 antibody stains intraepidermal sweat ducts.



Figure 2. Western Blot of 10 μ l conditional medium using KLK14 antibody (1/1000). The antibody is conjugated to AP: Lane 1: Denatured Protein Lane 2: Native Protein. The samples are from recombinant Human KLK14 protein produced in eukaryotic Yeast *pichia pastoris*. Samples were separated.

