

AP17527PU-N**Polyclonal Antibody to Cytokeratin 13 (N-term)**

Alternate names:	CK-13, CK13, K13, KRT-13, KRT13, Keratin type I cytoskeletal 13, Keratin-13
Quantity:	0.4 ml
Concentration:	lot specific
Background:	KRT13 is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in its gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus.
Uniprot ID:	P13646
NCBI:	NP_002265
GeneID:	3860
Host:	Rabbit
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human KRT13
Format:	State: Liquid purified Ig Purification: Saturated Ammonium Sulfate (SAS) precipitation Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Cytokeratin-13 (KRT13). Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Sheng,S., Mol. Cell. Endocrinol. 296 (1-2), 1-9 (2008)

Pictures:

Western blot analysis of KRT13 antibody (N-term) (AP17527PU-N) in 293 cell line lysates (35ug/lane). KRT13 (arrow) was detected using the purified Pab.

