

## Product datasheet for **AP33141SU-N**

### basic Cytokeratin (KRT81-86) Guinea Pig Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Immunoblotting (Western blot):</b> 1/1,000 (ECL). <b>Immunofluorescence Microscopy on Frozen Sections.</b> <b>Immunohistochemistry on Frozen Sections:</b> 1/100. <b>Immunohistochemistry on Paraffin Embedded Sections:</b> 1/100 (after microwave pretreatment). <i>Incubation Time:</i> 1 h at RT. <b>Note:</b> For enhancement of staining preincubate fixed sections with 0.1 Triton X-100 (in PBS) for 1–5 min prior to first antibody incubation step.
Reactivity:	Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide common to Human type II (basic) hair (trichocytic) keratins K81-K86 (former designation hHb1- hHb6) coupled to KLH
Specificity:	The antiserum stains specifically Human hair keratins K81-K86 present in the hair cortex, hair cuticle and tumors derived therefrom.
Formulation:	State: Serum State: Liquid Stabilized Antiserum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Background:	Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families.



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