

Product datasheet for **AP31680SU-N**

pan Cytokeratin Guinea Pig Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Immunoblotting (Western blot): 1/1,000 (ECL). Immunofluorescence Microscopy on Frozen Sections. Immunohistochemistry on Frozen Sections: 1/100. Immunohistochemistry on Paraffin Embedded Sections: 1/50 (after microwave pretreatment). Incubation Time: 1 h at RT. Note: 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 peptides common to Human type I (acidic) and type II (basic) hair (trichocytic) Keratins K31-K40 (former designation hHa1-hHa8, Ka35 and Ka36): LESEDCKLPSNP-C; and K81-K86 (former designation hHb1-hHb4): VNVCVSSSRGGVV-C, both coupled to KLH |
| Specificity: | The antiserum stains most prominently Human hair Keratins K81-K86 (type II) and considerably weaker K31-K40 (type I) hair Keratins present in the hair cortex, hair cuticle and tumors derived therefrom. |
| Formulation: | State: Serum State: Liquid Stabilized Antiserum with 0.5% BSA 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. |



[View online »](#)

Synonyms: pan Keratin, Cytokeratin pan-reactive