

## Product datasheet for **AP09551SU-N**

### Cytokeratin 3 (KRT3) Guinea Pig Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	<b>Immunofluorescence.</b> <b>Immunohistochemistry on Frozen Sections:</b> 1/100-1/200. <b>Incubation Time:</b> 1h at RT. <b>Positive Control:</b> Human cornea.
Reactivity:	Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of Human keratin K3 (formerly also designated cytokeratin 3; C- IKF SQS SQS SQR YSR), coupled to KLH
Specificity:	MW 63,000 (pI 7.5) intermediate filament polypeptide, keratin K3, detected by Immunohistochemistry in the cornea only. Useful as a marker for corneal type differentiation (positive for epithelial cells of cornea) and for studying corneal epithelial stem cells.
Formulation:	State: Serum State: Liquid Serum Preservative: 0.09% Sodium Azide, 0.5% BSA
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	Homo sapiens keratin 3 (KRT3)
Database Link:	<a href="#">Entrez Gene 3850 Human P12035</a>
Background:	Cytokeratin 3 belongs to the intermediate filament family. It is a type II cytokeratin and is specifically expressed in the corneal epithelium. Cytokeratin 3 associates with Cytokeratin 12. Defects in Cytokeratin 3 are a cause of Meesmann corneal dystrophy.
Synonyms:	Keartin-3, KRT3, Type-II keratin Kb3



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