

Cytokeratin 17 Rabbit mAb
Catalog # AP76309

Specification

Cytokeratin 17 Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	Q04695
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	48106

Cytokeratin 17 Rabbit mAb - Additional Information

Gene ID 3872

Other Names
KRT17

Dilution
WB~~1/500-1/1000
IHC~~1/50-1/100

Format
Liquid

Cytokeratin 17 Rabbit mAb - Protein Information

Name KRT17

Function

Type I keratin involved in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair (By similarity). Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state (By similarity). Modulates the function of TNF-alpha in the specific context of hair cycling. Regulates protein synthesis and epithelial cell growth through binding to the adapter protein SFN and by stimulating Akt/mTOR pathway (By similarity). Involved in tissue repair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial 'stem cells'. Acts as a promoter of epithelial proliferation by acting a regulator of immune response in skin: promotes Th1/Th17-dominated immune environment contributing to the development of basaloid skin tumors (By similarity). May act as an autoantigen in the immunopathogenesis of psoriasis, with certain peptide regions being a major target for autoreactive T-cells and hence causing their proliferation.

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q9QWL7}.

Tissue Location

Expressed in the outer root sheath and medulla region of hair follicle specifically from eyebrow and beard, digital pulp, nail matrix and nail bed epithelium, mucosal stratified squamous epithelia and in basal cells of oral epithelium, palmoplantar epidermis and sweat and mammary glands. Also expressed in myoepithelium of prostate, basal layer of urinary bladder, cambial cells of sebaceous gland and in exocervix (at protein level)

Cytokeratin 17 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cytokeratin 17 Rabbit mAb - Images



