

Cytokerin 17-specific Recombinant antibody

Cat:B36142S

Company: HaoKebio

Uniprot ID:Q04695

Applications: IHC:1:3000-1:12000

Organism:Rabbit

IHC-Polymer:1:12000-1:50000

Species reactivity:Human Mouse Rat

IHC-TSA:1:15000-1:60000

Molecular Weight Calculation: 48 kDa

IF:1:150-1:600

Observed Molecular Weight: 48 kDa

WB:1:5000-1:50000

FC:1:200-1:600

Background:

Keratins are a large family of proteins that form the intermediate filaments that make up the cytoskeleton. Type I keratins are a group of acidic intermediate filament proteins and type II keratins are the basic or neutral counterparts. Keratin 17 is encoded by the KRT17 gene and is a type I cytokeratin found in nail beds, hair follicles, sebaceous glands, and epidermal appendages. The molecular weight of cytokeratin 17 is approximately 49 kDa. Cytokeratin 17 plays a role in the formation and maintenance of epidermal appendages, especially in determining the shape and orientation of hair. It is required for the maintenance of the anagen (growth) state of hair follicles by modulating the function of TNF-alpha for hair cycling and is also involved in tissue repair.

Synonyms:

Cytokeratin 17, KRT17, 242240A8, CK 17, CK-17

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

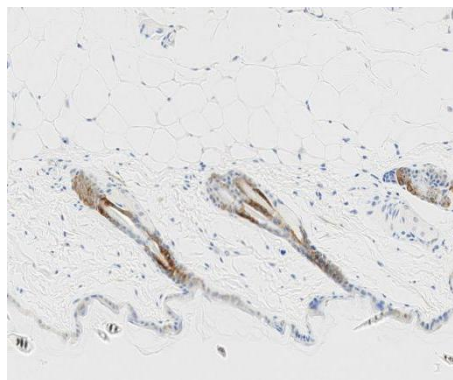
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse skin, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:Cytokerin 17-specific(B36142S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.