

Recombinant Human Cytokeratin 17 protein ab116974

1 图像

描述

产品名称	重组人Cytokeratin 17蛋白	
表达系统	Wheat germ	
Accession	<u>Q04695</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		MTT SIRQFTSSSSIKGSSGLGGSSRTSCRLSGGLGAGSCRL GSAGGLGS TLGGSSYSSCYSGFGGGYSSFGGVDGLLAGGEKATMQNLN DRLASYLD KVRALLEANTELEVKIRDWYQRQAPGPARDYSQYYRTIEELQ NKILTATV DNANILLQIDNARLAADDFR TKFETE QALRLSVEADINGLRR VLDELTLA RADLEMQIENLKEELAYLKKNHEEEMNALRGVGG EINVEMD AAPGVDLS RIPNEMRDQYEKMAEKNRKAEDWFFSKTEELNRE VATNSEL VQSGKSEI SELRRTMQALEIELQSQLSMKASLEG NLAETENRYCVQLSQI QGLIGSVE EQLAQLRCEMEQQNQEYKILLDVKTRLEQEIATYRRLLEGED AHLTQYKK EPVTTRQVRTIVEEVQDGKVISSREQVHQTTTR
预测分子量	73 kDa including tags	
氨基酸	1 to 432	

技术指标

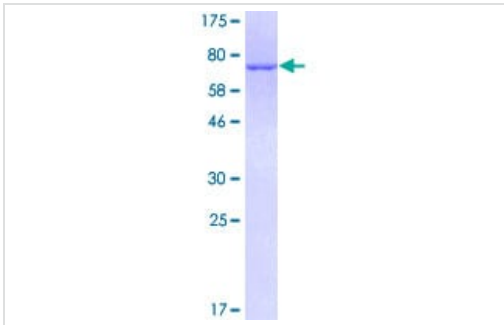
Our **Abpromise guarantee** covers the use of **ab116974** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot
	SDS-PAGE

形式	ELISA Liquid
制备和贮存	
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
常规信息	
功能	May play a role in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial "stem cells". 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. Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state. 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. Involved in tissue repair.
组织特异性	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).
疾病相关	Defects in KRT17 are a cause of pachyonychia congenita type 2 (PC2) [MIM:167210]; also known as pachyonychia congenita Jackson-Lawler type. PC2 is an autosomal dominant ectodermal dysplasia characterized by hypertrophic nail dystrophy resulting in onychogryposis (thickening and increase in curvature of the nail), palmoplantar keratoderma and hyperhidrosis, follicular hyperkeratosis, multiple epidermal cysts, absent/sparse eyebrow and body hair, and by the presence of natal teeth. Defects in KRT17 are a cause of steatocystoma multiplex (SM) [MIM:184500]. SM is a disease characterized by round or oval cystic tumors widely distributed on the back, anterior trunk, arms, scrotum, and thighs. Note=KRT16 and KRT17 are coexpressed only in pathological situations such as metaplasias and carcinomas of the uterine cervix and in psoriasis vulgaris.
序列相似性	Belongs to the intermediate filament family.
细胞定位	Cytoplasm.

图片



12.5% SDS-PAGE showing ab116974 at approximately 73.26kDa.
Stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Cytokeratin 17
protein (ab116974)

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