

Recombinant Human Cytokeratin 17 protein ab116974

画像数 1

製品の詳細

製品名	Recombinant Human Cytokeratin 17 protein
発現系	Wheat germ
アクセッション番号	<u>Q04695</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>MTTSIRQFTSSSSIKGSSGLGGGSSRTSCRLSGGLGAGSCRL GSAGGLGS TLGGSSYSSCYSGFGGGGYGSSFGGVDGLLAGGEKATMQNLN DRLASYLD KVRAL EEANTELEV KIRDWYQRQAPGPARDYSQYYRTIEELQ NKILTATV DNANILLQIDNARLAADD FRTKFETE QALRLSVEADINGLRR VLDELTLA RADLEMQIENLKEELAYLKKNHEEEMNALRGQVGGEINVEMD AAPGVDLS RIPNEMRDQYEKMAEKNRKAEDWFFSKTEELNREVATNSEL VQSGKSEI SELRRTMQALEIELQSQLSMKASLEG NLAETENRYCVQLSQI QGLIGSVE EQLAQLRCEMEQQNQEYKILLDVKTRLEQEIATYRRLLEGED AHLTQYKK EPVTTRQVRTIVEEVQDGKVISSREQVHQTTR</p>
予測される分子量	73 kDa including tags
領域	1 to 432

特性

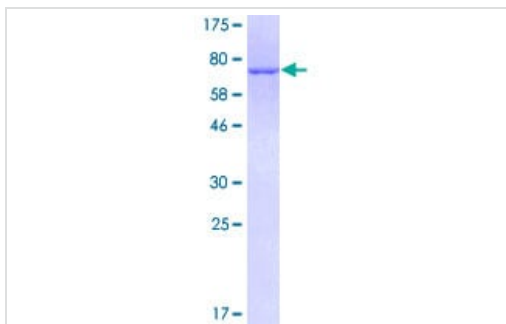
Our **Abpromise guarantee** covers the use of **ab116974** in the following tested applications.

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

アプリケーション	Western blot
	SDS-PAGE

	ELISA
製品の状態	Liquid
前処理および保存	
保存方法および安定性	<p>Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.</p> <p>pH: 8.00</p> <p>Constituents: 0.3% Glutathione, 0.79% Tris HCl</p>
関連情報	
機能	<p>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.</p>
組織特異性	<p>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).</p>
関連疾患	<p>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.</p> <p>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.</p> <p>Note=KRT16 and KRT17 are coexpressed only in pathological situations such as metaplasias and carcinomas of the uterine cervix and in psoriasis vulgaris.</p>
配列類似性	Belongs to the intermediate filament family.
細胞内局在	Cytoplasm.

画像



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

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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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