abcam

Product datasheet

Recombinant Human Cytokeratin 16/K16 protein ab114405

1 图像

描述

产品名称	重组人Cytokeratin 16/K16蛋白
表达系统	Wheat germ
Accession	P08779
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	RRDAETWFLSKTEELNKEVASNSELVQSSRSEVTELRRVLQG LEIELQSQ LSMKASLENSLEETKGRYCMQLSQIQGLIGSVEEQLAQLRCE MEQQSQ
预测分子量	36 kDa including tags
氨基酸	301 to 398

技术指标

Our **Abpromise guarantee** covers the use of **ab114405** in the following tested applications.

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

应用	ELISA Western blot SDS-PAGE
形式	Liquid
补充说明	This product was previously labelled as Cytokeratin 16.

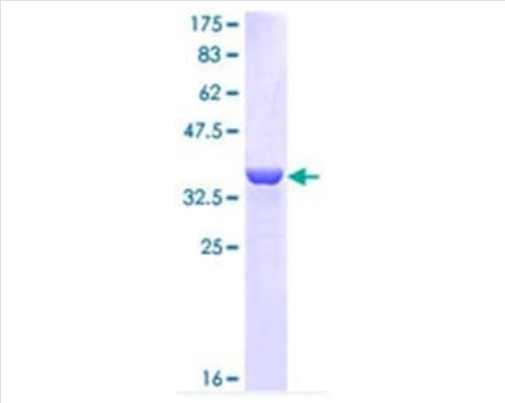
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

组织特异性	Expressed in the hair follicle, nail bed and in mucosal stratified squamous epithelia and, suprabasally, in oral epithelium and palmoplantar epidermis. Also found in luminal cells of sweat and mammary gland ducts.
疾病相关	Defects in KRT16 are a cause of pachyonychia congenita type 1 (PC1) [MIM:167200]; also known as Jadassohn-Lewandowsky syndrome. PC1 is an autosomal dominant ectodermal dysplasia characterized by hypertrophic nail dystrophy resulting in onchyogryposis (thickening and increase in curvature of the nail), palmoplantar keratoderma, follicular hyperkeratosis, and oral leukokeratosis. Hyperhidrosis of the hands and feet is usually present. Defects in KRT16 are the cause of palmoplantar keratoderma non-epidermolytic focal (FNEPPK) [MIM:613000]. A dermatological disorder characterized by non-epidermolytic palmoplantar keratoderma limited to the pressure points on the balls of the feet, with later mild involvement on the palms. Oral, genital and follicular keratotic lesions are often present. Defects in KRT16 are a cause of unilateral palmoplantar verrucous nevus (UPVN) [MIM:144200]. UPVN is characterized by a localized thickening of the skin in parts of the right palm and the right sole. 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.

图片



SDS-PAGE - Recombinant Human Cytokeratin 16/K16 protein (ab114405)

12.5% SDS-PAGE analysis of ab114405, stained with Coomassie Blue.

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