

细胞角蛋白 75 抗体

产品货号： mlR16834

英文名称： KRT75

中文名称： 细胞角蛋白 75 抗体

别名： CK-75; CK75; Cytokeratin 75; Cytokeratin-75; hK6hf; K2C75_HUMAN; K6HF; K75; KB18; Keratin 6 hair follicle; Keratin 75; Keratin; Keratin type II cytoskeletal 75; Keratin-6 hair follicle; Keratin-75; Krt75; PFB; type II cytoskeletal 75; Type II keratin 18; Type II keratin-K6hf; Type-II keratin Kb18.

研究领域： 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需

做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 60kDa

细胞定位 : 细胞浆 细胞外基质 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human KRT75:421-520/551

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 background:

This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. This gene is expressed in the companion layer, upper germinative matrix region of the hair follicle, and medulla of the hair shaft. The encoded protein plays an essential role in hair and nail formation. Variations in this gene have been associated with the hair disorders pseudofolliculitis barbae (PFB) and loose anagen hair syndrome (LAHS). [provided by RefSeq, Oct 2008]

Function:

Plays a central role in hair and nail formation. Essential component of keratin intermediate filaments in the companion layer of the hair follicle

Tissue Specificity:

Highly expressed in hair follicles from scalp. Specifically expressed in the of the hair companion layer follicle, a single layered band of flat and vertically oriented cells between the cuboidal outer root sheath (ORS) cells and the inner root sheath (IRS) that stretches from the lowermost bulb region to the isthmus of the follicle. Also expressed in medullated hairs. In nails, it is almost exclusively present in the nail bed (at protein level).

DISEASE:

Defects in KRT75 may be a cause of loose anagen hair syndrome (LAHS) [MIM:600628]. In LAHS, anagen hairs are easily pulled from the scalp. The hair is relatively sparse and does not grow long. Hair of fair color and hair shafts of reduced caliber, and an early age of onset are features. Usually the hairs are not fragile and there are no areas of breakage.

Similarity:

Belongs to the intermediate filament family.

SWISS:

O95678

Gene ID:

9119

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.