



周斑蛋白抗体

产品货号 : mlR0350

英文名称 : Periplakin

中文名称 : 周斑蛋白抗体

别 名 : 190 kDa paraneoplastic pemphigus antigen; 195 kDa cornified envelope precursor; 195 kDa cornified envelope precursor protein; AW553870; KIAA0568; MGC134872; PEPL_HUMAN; Periplakin; ppl.

研究领域 : 肿瘤 细胞生物 信号转导

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Pig, Rabbit,

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 : 205kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml



免 疫 原 : KLH conjugated synthetic peptide derived from human Periplakin:401-500/1756

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 : The protein encoded by this gene is a component of desmosomes and of the epidermal cornified envelope in keratinocytes. The N-terminal domain of this protein interacts with the plasma membrane and its C-terminus interacts with intermediate filaments. Through its rod domain, this protein forms complexes with envoplakin. This protein may serve as a link between the cornified envelope and desmosomes as well as intermediate filaments. AKT1/PKB, a protein kinase mediating a variety of cell growth and survival signaling processes, is reported to interact with this protein, suggesting a possible role for this protein as a localization signal in AKT1-mediated signaling. [provided by RefSeq, Jul 2008]

Function:

Component of the cornified envelope of keratinocytes. May link the cornified envelope to desmosomes and intermediate filaments. May act as a localization signal in PKB/AKT-mediated signaling.

Subcellular Location:

Cell junction > desmosome. Cytoplasm > cytoskeleton. Cell membrane. Nucleus. Mitochondrion. Associated with desmosomes and intermediate filaments.

Tissue Specificity:



Expressed in stratified squamous epithelia and in some other epithelia.

Similarity:

Belongs to the plakin or cytolinker family.

Contains 2 plectin repeats.

Contains 4 spectrin repeats.

SWISS:

O60437

Gene ID:

602871

Important Note:

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