

## 周斑蛋白抗体

产品货号： mIR0350

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.