

中胚层配对同源蛋白 2 抗体

产品货号： mlR19434

英文名称： PRRX2

中文名称： 中胚层配对同源蛋白 2 抗体

别 名： Paired mesoderm homeobox protein 2; Paired related homeobox protein 2; paired-like homeobox gene 2; paired-like homeodomain protein PRX2; Paired-related homeobox protein 2; PMX2; Predicted NUP98/PRRX2 fusion protein; Prrx2; PRRX2_HUMAN; PRX 2; PRX-2; PRX2.

研究领域： 细胞生物 免疫学 发育生物学 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow,

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： 27kDa

细胞定位： 细胞核

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PRRX2:131-230/253

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 DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins. Expression is localized to proliferating fetal fibroblasts and the developing dermal layer, with downregulated expression in adult skin. Increases in expression of this gene during fetal but not adult wound healing suggest a possible role in mechanisms that control mammalian dermal regeneration and prevent formation of scar response to wounding. The expression patterns provide evidence consistent with a role in fetal skin development and a possible role in cellular proliferation. [provided by RefSeq, Jul 2008]

Function:

May play a role in the scarless healing of cutaneous wounds during the first two trimesters of development.

Subcellular Location:

Nucleus.

Tissue Specificity:

In fetal skin, highest expression found in cells of mesodermal origin within the dermal papilla of the developing hair shaft. Not detected in epidermis or dermis. In adult skin, weakly expressed within the basal layers of the epidermis. Not expressed in dermis.

Similarity:

Belongs to the paired homeobox family.

Contains 1 homeobox DNA-binding domain.

SWISS:

Q99811

Gene ID:

51450

Important Note:

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