

钙调神经磷酸酶调节蛋白 3 抗体（唐氏综合征候选区域蛋白 1 样蛋白 3）

产品货号： mlR11542

英文名称： Calcipressin 3

中文名称： 钙调神经磷酸酶调节蛋白 3 抗体（唐氏综合征候选区域蛋白 1 样蛋白 3）

别名： Calcipressin-3; Down syndrome candidate region 1 like 2; regulator of calcineurin 3; Down syndrome candidate region 1 like protein 2; Down syndrome candidate region 1-like protein 2; Down syndrome critical region gene 1 like 2; DSCR1L2; hRCN3; MCIP3; Myocyte enriched calcineurin interacting protein 3; Myocyte-enriched calcineurin-interacting protein 3; RCAN family member 3; RCAN3; RCAN3_HUMAN; RCN3; RCN3; MCIP3; Regulator of calcineurin 3.

研究领域： 细胞生物 神经生物学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Rabbit, Sheep,

产品应用： WB=1:500-2000 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： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原 : KLH conjugated synthetic peptide derived from human Calcipressin 3:151-241/241

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 : Calcineurin is a Ca(2+) dependent protein phosphatase that is involved in several neuronal functions. Proteins belonging to the RCAN (Regulator of calcineurin) family modulate the activity of Calcineurin through a valine-rich region within their carboxyl tail. RCANs compete with NFATs (Nuclear factor of activated T-cells) for binding to the same docking site in calcineurin, which results in either inhibition or activation of calcineurin activity. Calcipressin-2, also known as RCAN2 and DSCR1L1 (Down syndrome candidate region 1-like 1), is a 197 amino acid protein that is highly expressed in both the cytoplasm and nucleus of neurons and is the only RCAN family member that is found in glial cells. Calcipressin-3, also known as RCAN3 and DSCR1L2 (Down syndrome candidate region 1-like protein 2), is a 241 amino acid protein that potentially is involved in central nervous system development. Calcipressin-3 interacts with cardiac troponin I, suggesting that it may play a role in cardiac contraction events.

Function:

Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development.

Tissue Specificity:

Highest expression in heart, skeletal muscle kidney, liver and peripheral blood leukocytes. Lower expression in all other tissues.

Similarity:

Belongs to the RCAN family.

SWISS:

Q9UKA8

Gene ID:

11123

Important Note:

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

产品图片

