

细胞外基质底物反应蛋白 1 抗体

产品货号： mlR7520

英文名称： SPON1

中文名称： 细胞外基质底物反应蛋白 1 抗体

别名： F spondin; F spondin extracellular matrix protein; FSPO; KIAA0762; MGC10724; SPON 1; spondin 1 (f spondin) extracellular matrix protein; Spondin 1; Spondin 1 extracellular matrix protein; Spondin 1 precursor; Spondin1; Vascular smooth muscle cell growth promoting factor; VSGP; VSGP/F spondin.

研究领域： 心血管 细胞生物 神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：86kDa

细胞定位：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 SPON1/F spondin:741-807/807

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： SPON1 is a member of a subgroup of the thrombospondin type 1 (TSR) class molecules, defined by two domains of homology, the FS1/FS2 and TSR domains. The TSRs of SPON1 proteins are typical of class 2 TSRs. SPON1, which is similar to thrombospondin, is a extracellular matrix attached molecule that promotes neurite outgrowth and inhibits angiogenesis. Analysis of gain and loss of function experiments reveal that SPON1 is required for accurate pathfinding of embryonic axons, and plays a dual role in patterning axonal trajectories. It promotes the outgrowth of commissural and inhibits the outgrowth of motor axons, and has also been implicated in inflammatory processes in the nervous system.

Subunit:

Binds to the central extracellular domain of APP and inhibits beta-secretase cleavage of APP.

Subcellular Location:

Secreted, extracellular space, extracellular matrix.

Tissue Specificity:

Highest expression in lung, lower expression in brain, heart, kidney, liver and testis, and lowest expression in pancreas, skeletal muscle and ovary. Not expressed in spleen.

Similarity:

Contains 1 reelin domain.

Contains 1 spondin domain.

Contains 6 TSP type-1 domains.

SWISS:

Q9HCB6

Gene ID:

10418

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

