

一氧化氮合成酶相互作用蛋白抗体

产品货号： mlR16652

英文名称： NOSIP

中文名称： 一氧化氮合成酶相互作用蛋白抗体

别名： CGI 25; CGI-25; NOSIP_HUMAN; CGI25; CGI25 protein; eNOS interacting protein; Nitric oxide synthase interacting protein.

研究领域： 神经生物学 信号转导 转运蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, 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 : 33kDa

细胞定位 : 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human NOSIP:151-250/301

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 background:

The protein encoded by this gene may modulate the activity and localization of nitric oxide synthase (endothelial and neuronal) and thus nitric oxide production. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2012]

Function:

NOSIP is a novel type of modulator that promotes translocation of eNOS from the plasma membrane to intracellular sites, thereby uncoupling eNOS from plasma membrane caveolae and inhibiting NO synthesis.

Subunit:

Interacts with NOS1 and NOS3.

Subcellular Location:

Cytoplasm. Nucleus. Note: Translocates from nucleus to cytoplasm in the G2 phase of the cell cycle.

Tissue Specificity:

Expressed in heart, brain and lung. Present in endothelial cells (at protein level).

Similarity:

Belongs to the NOSIP family.

SWISS:

Q9Y314

Gene ID:

51070

Important Note:

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