

SARM 蛋白抗体

产品货号： mlR9001

英文名称： SARM1

中文名称： SARM 蛋白抗体

别名： FLJ36296; KIAA0524; MyD88-5; SAM and ARM-containing protein; SAM domain-containing protein 2; SAMD2; SARM 1; SARM1; SARM1_HUMAN; Sterile alpha and Armadillo repeat protein; sterile alpha and HEAT/Armadillo motif protein, ortholog of Drosophila; sterile alpha and HEAT/Armadillo motifs-containing protein; sterile alpha and TIR motif containing 1; Sterile alpha and TIR motif-containing protein 1; Sterile alpha and TIR motifs-containing protein 1; Sterile alpha motif domain-containing protein 2; Tir-1 homolog.

研究领域： 细胞生物 免疫学 信号转导 生长因子和激素 淋巴细胞

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 IF=1:50-200 （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 : 80kDa

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 SARM1:321-420/724

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 ℃ 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℃. 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 ℃.

PubMed : PubMed

产品介绍： SARM, also known as SAMD2, SARM1 or KIAA0524, is a 724 amino acid protein that localizes to the cytoplasm and contains one TIR domain and two sterile alpha motif (SAM) domains. Expressed predominately in liver and kidney and present at lower levels in placenta, SARM interacts with TICAM-1 and, via this interaction, blocks the transcriptional activation activity of TICAM-1 and functions as a negative regulator of Toll-like receptor signaling. Additionally, SARM is thought to be involved in innate immune responses and may also play a role in the negative regulation of NF κ B activation. SARM exists as two alternatively spliced isoforms that are encoded by a gene which maps to human chromosome 17.

Function:

Involved in innate immune response. Acts as a negative regulator of TICAM1/TRIF-dependent Toll-like receptor signaling by inhibiting induction of TLR3- and TLR4-dependent genes. Specifically blocks TICAM1/TRIF-dependent transcription-factor activation and gene induction, without affecting the MYD88-dependent pathway or non-TLR signaling. Negative regulator of NF-kappa-B and IRF activation.

Subunit:

Interacts with TICAM1/TRIF and thereby interferes with TICAM1/TRIF function.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Predominantly expressed in kidney and liver. Expressed at lower level in placenta.

Similarity:

Contains 2 SAM (sterile alpha motif) domains.

Contains 1 TIR domain.

SWISS:

Q6SZW1

Gene ID:

23098

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

