

## SPRED2 蛋白抗体

产品货号： mlR21897

英文名称： SPRED2

中文名称： SPRED2 蛋白抗体

别名： C79158; FLJ21897; FLJ31917; SPRE2\_HUMAN; MGC163164; Spred 2; Sprouty protein with EVH 1 domain 2 related sequence; sprouty related EVH1 domain containing 2; Sprouty related protein with EVH 1 domain 2; zgc:77284.

研究领域： 细胞生物 信号转导 激酶和磷酸酶 G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

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： 47kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human SPRED2 :381-480/674

**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 :** SPRED2 is a member of the Sprouty (see SPRY1; MIM 602465)/SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade (see MAPK1; MIM 176948) (Nonami et al., 2004 [PubMed 15465815]).[supplied by OMIM, Mar 2008]

**Function:**

Tyrosine kinase substrate that inhibits growth-factor-mediated activation of MAP kinase.

**Subunit:**

Interacts with Ras (By similarity). Homodimer and heterodimer. Able to interact with SPRED1 to form heterodimers.

**Subcellular Location:**

Cell Membrane - peripheral membrane protein and Cytoplasmic.

**Tissue Specificity:**

Expressed in liver, skin, small intestine, salivary gland and prostate.

**Post-translational modifications:**

Phosphorylated on tyrosine. Phosphorylation of Tyr-228 and Tyr-231 are required for ubiquitination.

Ubiquitinated; leading to degradation by the proteasome.

**Similarity:**

Contains 1 KBD domain.

Contains 1 SPR (sprouty) domain.

Contains 1 WH1 domain.

**SWISS:**

Q7Z698

**Gene ID:**

200734

**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

