

环指蛋白 62 抗体

产品货号： mlR9379

英文名称： RNF62/MKRN2

中文名称： 环指蛋白 62 抗体

别名： HSPC070; Makorin 2; Makorin ring finger protein 2; Makorin2; Makorin-2 MKRN 2; RING finger protein 62; RNF 62; RNF62; MKRN2_HUMAN; Probable E3 ubiquitin-protein ligase makorin-2; RING finger protein 62.

研究领域： 肿瘤 细胞生物 细胞周期蛋白 锌指蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

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

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：47kDa

细胞定位：细胞核

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human MKRN2/RNF62:261-360/416

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.

PubMedPubMed

产品介绍 **background**：

The Makorins are a family of putative ribonucleoproteins containing two to four C3H zinc fingers that may confer RNA-binding. In addition, they contain a C3HC4 RING zinc finger that allows them to function as E3 ubiquitin ligases. Makorin-2, also known as RNF62, HSPC070 or MKRN2, is a widely expressed, evolutionarily conserved protein with four C3H-type zinc fingers (three at the N-terminus and one at the C-terminus), one RING-type zinc finger and a cysteine and histidine motif similar to that found in Makorin-1. In *Xenopus*, Makorin-2 functions, via PI 3-kinase/Akt signaling, as a negative regulator of neurogenesis. In humans, Makorin-2 is overexpressed in various cancer cell lines, suggesting a possible role of Makorin-2 in tumor progression. In addition, Makorin-2 is co-expressed with Raf-1 in the same tissues and cell lines.

Function:

E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (By similarity).

Subcellular Location:

Nuclear

Tissue Specificity:

Widely expressed.

Similarity:

Contains 4 C3H1-type zinc fingers.

Contains 1 RING-type zinc finger.

SWISS:

Q9H000



Gene ID:

23609

Important Note:

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