SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-RNF62/MKRN2 antibody

SL9379R

Product Name:	RNF62/MKRN2
Chinese Name:	Ring finger protein62抗体
Alias:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MKRN2/RNF62:261-360/416
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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
Product Detail:	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

Database links:

Entrez Gene: 23609Human

Entrez Gene: 67027Mouse

Entrez Gene: 297525Rat

Omim: 608426Human

SwissProt: Q9H000Human

SwissProt: Q9ERV1Mouse

SwissProt: Q5XI23Rat

Unigene: 591666Human

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