



## Rabbit Anti-RNF61/MKRN1 antibody

SL9378R

<b>Product Name:</b>	RNF61/MKRN1
<b>Chinese Name:</b>	Ring finger protein61抗体
<b>Alias:</b>	RING finger protein 61; E3 ubiquitin-protein ligase makorin-1; Makorin; Makorin ring finger protein 1; MKRN 1; MKRN-1; mkn1; MKRN1_HUMAN; Ring finger protein 1; RNF61.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	53kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MKRN1/RNF61:261-360/482
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. These substrates include FILIP1, p53/TP53, CDKN1A and TERT. Keeps cells alive by suppressing p53/TP53 under normal conditions, but stimulates apoptosis by repressing CDKN1A under stress conditions. Acts as a negative regulator of telomerase. Has negative and positive effects on RNA polymerase II-dependent

transcription.

**Function:**

E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. These substrates include FILIP1, p53/TP53, CDKN1A and TERT. Keeps cells alive by suppressing p53/TP53 under normal conditions, but stimulates apoptosis by repressing CDKN1A under stress conditions. Acts as a negative regulator of telomerase. Has negative and positive effects on RNA polymerase II-dependent transcription.

**Subunit:**

Interacts with p53/TP53 and CDKN1A. Interacts with TERT, modulating telomere length homeostasis.

**Tissue Specificity:**

Ubiquitous.

**Post-translational modifications:**

Auto-ubiquitinated; which leads to proteasomal degradation.

**Similarity:**

Contains 4 C3H1-type zinc fingers.

Contains 1 RING-type zinc finger.

**SWISS:**

Q9UHC7

**Gene ID:**

23608

**Database links:**

[Entrez Gene: 23608](#)Human

[Entrez Gene: 54484](#)Mouse

[Entrez Gene: 296988](#)Rat

[Omim: 607754](#)Human

[SwissProt: Q9UHC7](#)Human

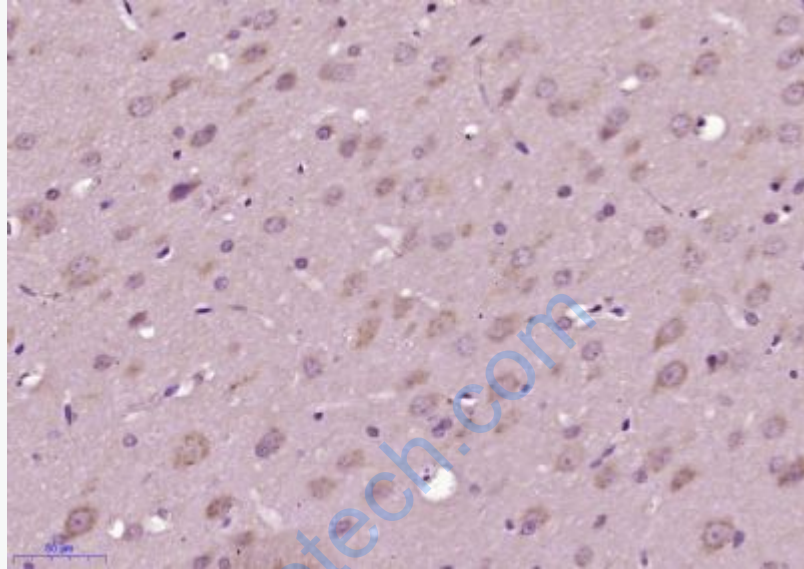
[SwissProt: Q9QXP6](#)Mouse

[Unigene: 728819](#)Human

[Unigene: 270484](#)Mouse

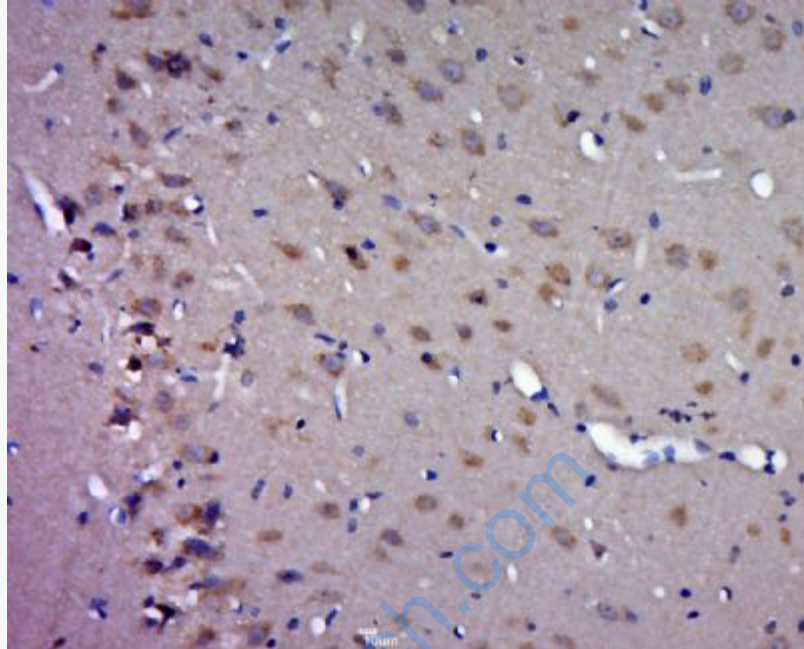
**Important Note:**

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



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RNF61) Polyclonal Antibody, Unconjugated (SL9378R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RNF61) Polyclonal Antibody, Unconjugated (SL9378R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.