

MKRN1 (aa105-118) Antibody (internet regoin)
Peptide-affinity purified goat antibody
Catalog # AF3533a**Specification**

MKRN1 (aa105-118) Antibody (internet regoin) - Product Information

Application	WB, E
Primary Accession	Q9UHC7
Other Accession	NP_038474.2 , NP_001138597.1 , 23608 , 54484 (mouse)
Reactivity	Human, Mouse
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	53349

MKRN1 (aa105-118) Antibody (internet regoin) - Additional Information**Gene ID** 23608**Other Names**

E3 ubiquitin-protein ligase makorin-1, 6.3.2.-, RING finger protein 61, MKRN1, RNF61

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MKRN1 (aa105-118) Antibody (internet regoin) is for research use only and not for use in diagnostic or therapeutic procedures.

MKRN1 (aa105-118) Antibody (internet regoin) - Protein Information**Name** MKRN1**Synonyms** RNF61**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.

Tissue Location

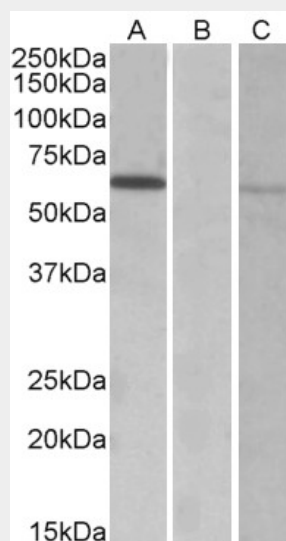
Ubiquitous.

MKRN1 (aa105-118) Antibody (internet regoin) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MKRN1 (aa105-118) Antibody (internet regoin) - Images



HEK293 lysate (10ug protein in RIPA buffer) over expressing Human MKRN1 with DYKDDDDK tag probed with AF3533a (0.3ug/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/1000) in lane C. Mock-transfected HEK293 probed with AF3533a (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

MKRN1 (aa105-118) Antibody (internet regoin) - Background

This antibody is expected to recognize both reported isoforms (NP_038474.2; NP_001138597.1).

MKRN1 (aa105-118) Antibody (internet regoin) - References

Ubiquitin ligase MKRN1 modulates telomere length homeostasis through a proteolysis of hTERT. Kim JH, Park SM, Kang MR, Oh SY, Lee TH, Muller MT, Chung IK. Genes Dev. 2005 Apr

1;19(7):776-81. PMID: 15805468