

MKRN1 Antibody(Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19708c**Specification**

MKRN1 Antibody(Center) - Product Information

Application	WB,E
Primary Accession	O9UHC7
Other Accession	NP_038474.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53349
Antigen Region	184-213

MKRN1 Antibody(Center) - Additional Information**Gene ID** 23608**Other Names**

E3 ubiquitin-protein ligase makorin-1, 632-, RING finger protein 61, MKRN1, RNF61

Target/Specificity

This MKRN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 184-213 amino acids from the Central region of human MKRN1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

MKRN1 Antibody(Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MKRN1 Antibody(Center) - 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

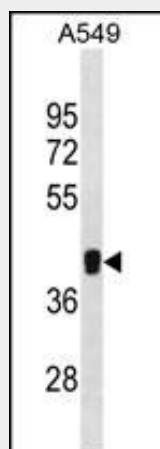
Ubiquitous.

MKRN1 Antibody(Center) - 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 Antibody(Center) - Images



MKRN1 Antibody (Center) (Cat. #AP19708c) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the MKRN1 antibody detected the MKRN1 protein (arrow).

MKRN1 Antibody(Center) - Background

The Makorin ring finger protein-1 gene (MKRN1) is a highly transcribed, intron-containing source for a family of intronless mammalian genes encoding a novel class of zinc finger proteins. Phylogenetic analyses indicate that the MKRN1 gene is the ancestral founder of this gene family (Gray et al., 2000 [PubMed 10843807]).

MKRN1 Antibody(Center) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Ko, A., et al. J. Virol. 84(1):426-436(2010)

Lee, E.W., et al. EMBO J. 28(14):2100-2113(2009)
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