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MKRN2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17190a

Specification

MKRN2 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9H000
Other Accession	NP_054879.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**46940**
Antigen Region	**78-106**

MKRN2 Antibody (N-term) - Additional Information

Gene ID 23609

Other Names
Probable E3 ubiquitin-protein ligase makorin-2, 632-, RING finger protein 62, MKRN2, RNF62

Target/Specificity
This MKRN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-106 amino acids from the N-terminal region of human MKRN2.

Dilution
WB~~1:1000

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
MKRN2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MKRN2 Antibody (N-term) - Protein Information

Name MKRN2

Synonyms RNF62

Function E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (By similarity). Promotes the polyubiquitination and proteasome-dependent degradation of RELA/p65, thereby suppressing RELA-mediated NF-kappaB transactivation and negatively regulating inflammatory responses (By similarity). Plays a role in the regulation of spermiation and in male fertility (By similarity).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q9ERV1}. Nucleus {ECO:0000250|UniProtKB:Q9ERV1}

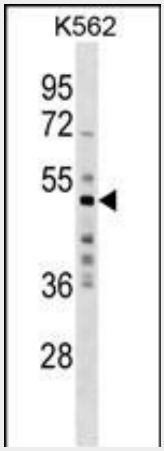
Tissue Location
Expressed in sperm, with significantly reduced expression in sperm of patients with oligoasthenoteratozoospermia (at protein level) (PubMed:28008940). Widely expressed with expression in testis, ovary, small intestine, colon, peripheral blood leukocytes, fetal liver, bone marrow, thymus, lymph node and spleen (PubMed:11597136).

MKRN2 Antibody (N-term) - Protocols

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

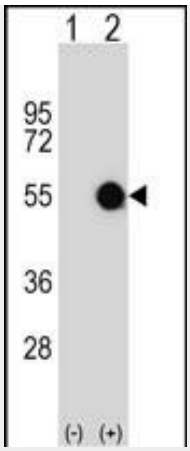
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MKRN2 Antibody (N-term) - Images



MKRN2 Antibody (N-term) (Cat. #AP17190a) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the MKRN2 antibody detected the MKRN2 protein (arrow).

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Western blot analysis of MKRN2 (arrow) using rabbit polyclonal MKRN2 Antibody (N-term) (Cat. #AP17190a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MKRN2 gene.

MKRN2 Antibody (N-term) - Background

Members of the makorin family, including MKRN2, have a characteristic zinc finger composition that suggests that they are ribonucleoproteins (Gray et al., 2001 [PubMed 11597136]).[supplied by OMIM].

MKRN2 Antibody (N-term) - References

Gray, T.A., et al. Genomics 77(3):119-126(2001)