

SKIV2L / SKI2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS17126**Specification**

SKIV2L / SKI2 Antibody (N-Terminus) - Product Information

Application	IHC, IF
Primary Accession	Q15477
Other Accession	6499
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	137755

SKIV2L / SKI2 Antibody (N-Terminus) - Additional Information**Gene ID** 6499**Other Names**

SKIV2L, 170A, DDX13, Helicase SKI2W, HLP, SKI2, SKI2W, SKIV2, Helicase-like protein, THES2

Target/Specificity

SKI2W antibody is human, mouse and rat reactive. At least two isoforms of SKI2W are known to exist; this antibody will detect both isoforms.

Reconstitution & Storage

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

SKIV2L / SKI2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SKIV2L / SKI2 Antibody (N-Terminus) - Protein Information**Name** SKIC2 ([HGNC:10898](#))**Function**

Helicase component of the SKI complex, a multiprotein complex that assists the RNA-degrading exosome during the mRNA decay and quality-control pathways (PubMed:[16024656](http://www.uniprot.org/citations/16024656), PubMed:[32006463](http://www.uniprot.org/citations/32006463), PubMed:[35120588](http://www.uniprot.org/citations/35120588)). The SKI complex catalyzes mRNA extraction from 80S ribosomal complexes in the 3'-5' direction and channels mRNA to the cytosolic exosome for degradation (PubMed:[32006463](http://www.uniprot.org/citations/32006463), PubMed:[35120588](http://www.uniprot.org/citations/35120588)). SKI-mediated extraction of mRNA from stalled ribosomes allow binding of the Pelota-HBS1L complex and subsequent ribosome disassembly by ABCE1 for ribosome recycling (PubMed:[35120588](#)).

[32006463](http://www.uniprot.org/citations/32006463)). In the nucleus, the SKI complex associates with transcriptionally active genes in a manner dependent on PAF1 complex (PAF1C) (PubMed: [16024656](http://www.uniprot.org/citations/16024656)).

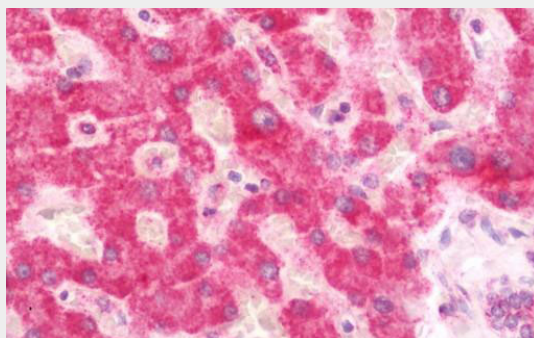
Cellular Location

Nucleus. Cytoplasm

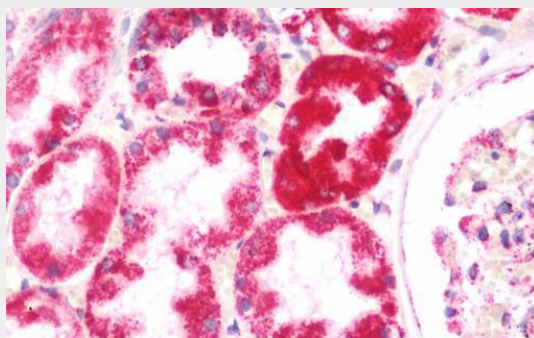
SKIV2L / SKI2 Antibody (N-Terminus) - Protocols

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

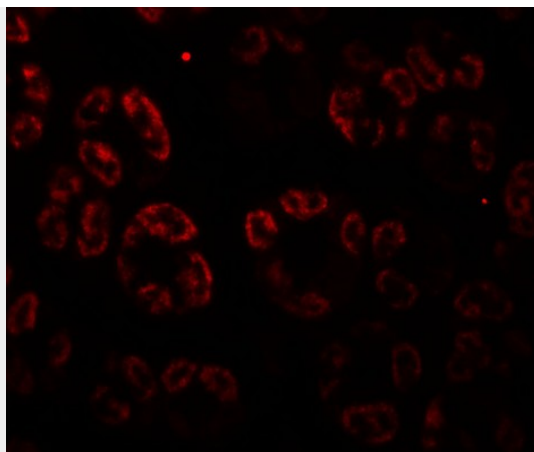
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SKIV2L / SKI2 Antibody (N-Terminus) - Images

Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of SKI2W in human stomach tissue with SKI2W antibody at 20 ug/ml.

SKIV2L / SKI2 Antibody (N-Terminus) - Background

Helicase; has ATPase activity. Component of the SKI complex which is thought to be involved in exosome-mediated RNA decay and associates with transcriptionally active genes in a manner dependent on PAF1 complex (PAF1C).

SKIV2L / SKI2 Antibody (N-Terminus) - References

Lee S.-G.,et al.Genomics 25:660-666(1995).
Dangel A.W.,et al.Nucleic Acids Res. 23:2120-2126(1995).
Albertella M.R.,et al.Genomics 36:240-251(1996).
Rowen L.,et al.Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Mungall A.J.,et al.Nature 425:805-811(2003).