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KRR1 Antibody (aa47-344)

Rabbit Polyclonal Antibody

Catalog # ALS16900

Specification

KRR1 Antibody (aa47-344) - Product Information

Application	**IHC, ICC, WB**
Primary Accession	Q13601
Other Accession	11103
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**43665**

KRR1 Antibody (aa47-344) - Additional Information

Gene ID 11103

Other Names
KRR1, HIV-1 Rev binding protein 2, HIV-1 Rev-binding protein 2, Rev-interacting protein 1, Rev interacting protein, RIP-1, HRB2

Target/Specificity
Human RIP-1 / KRR1

Reconstitution & Storage
0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions
KRR1 Antibody (aa47-344) is for research use only and not for use in diagnostic or therapeutic procedures.

KRR1 Antibody (aa47-344) - Protein Information

Name KRR1 (HGNC:5176)

Synonyms HRB2

Function
Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre- rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre- ribosomal RNA by the RNA exosome.

Cellular Location

Nucleus, nucleolus

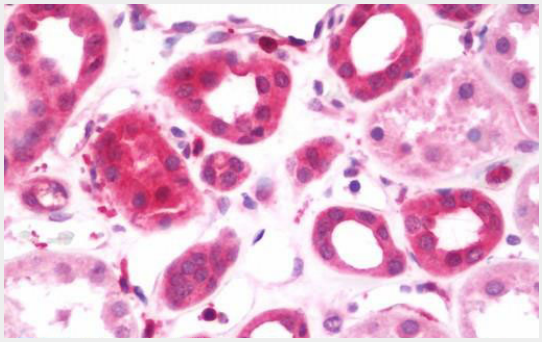
Volume
50 µl

KRR1 Antibody (aa47-344) - Protocols

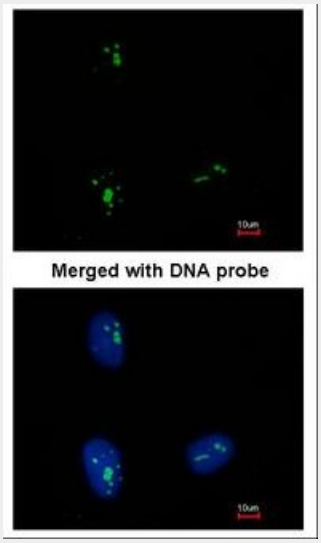
Provided below are standard protocols that you may find useful for product applications.

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

KRR1 Antibody (aa47-344) - Images

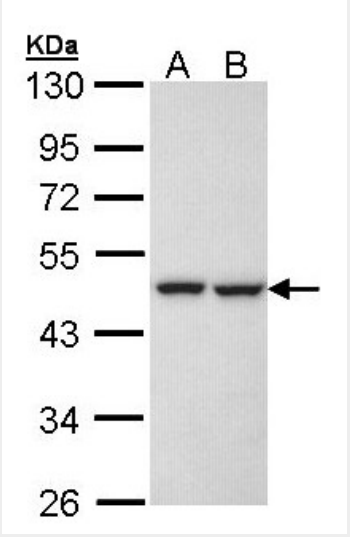


Anti-RIP-1 / KRR1 antibody IHC staining of human kidney.



Immunofluorescence of paraformaldehyde-fixed HeLa using KRR1 antibody at 1:500 dilution.

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Sample (30 ug of whole cell lysate).

KRR1 Antibody (aa47-344) - Background

Required for 40S ribosome biogenesis. Involved in nucleolar processing of pre-18S ribosomal RNA and ribosome assembly (By similarity).

KRR1 Antibody (aa47-344) - References

Ma Z.F.,et al.Submitted (SEP-2006) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
D'Sa-Eipper C.,et al.Submitted (APR-1996) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V.,et al.Submitted (AUG-2005) to UniProtKB.