

KRR1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17109a**Specification**

KRR1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q13601
Other Accession	NP_008974.5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43665
Antigen Region	1-30

KRR1 Antibody (N-term) - Additional Information**Gene ID** 11103**Other Names**

KRR1 small subunit processome component homolog, HIV-1 Rev-binding protein 2, KRR-R motif-containing protein 1, Rev-interacting protein 1, Rip-1, KRR1, HRB2

Target/Specificity

This KRR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human KRR1.

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

KRR1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KRR1 Antibody (N-term) - 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

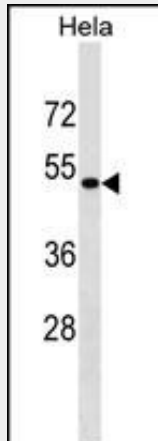
Nucleus, nucleolus

KRR1 Antibody (N-term) - Protocols

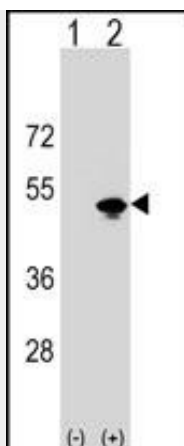
Provided below are standard protocols that you may find useful for product applications.

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

KRR1 Antibody (N-term) - Images



KRR1 Antibody (N-term) (Cat. #AP17109a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the KRR1 antibody detected the KRR1 protein (arrow).



Western blot analysis of KRR1 (arrow) using rabbit polyclonal KRR1 Antibody (N-term) (Cat. #AP17109a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the KRR1 gene.

KRR1 Antibody (N-term) - Background

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

KRR1 Antibody (N-term) - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)