

Anti-RRS1 Antibody

Catalog # AP53370

Product Information

Application	WB, IHC
Primary Accession	Q15050
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41193

Additional Information

Gene ID	23212
Other Names	KIAA0112; RRR; Ribosome biogenesis regulatory protein homolog
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RRS1. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

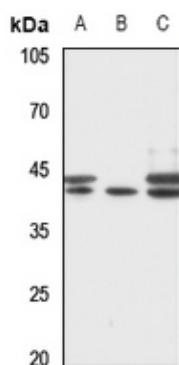
Protein Information

Name	RRS1
Synonyms	KIAA0112, RRR
Function	Involved in ribosomal large subunit assembly. May regulate the localization of the 5S RNP/5S ribonucleoprotein particle to the nucleolus.
Cellular Location	Nucleus, nucleolus {ECO:0000269 PubMed:12429849, ECO:0000269 Ref.3}

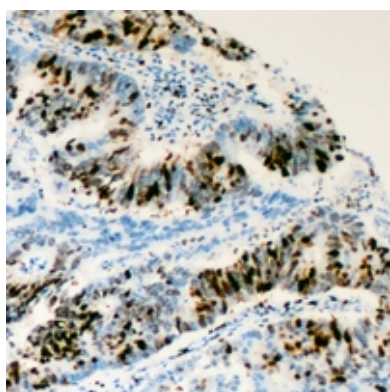
References

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Bienvenut W.V.,et al.Submitted (AUG-2005) to UniProtKB.
Scherl A.,et al.Mol. Biol. Cell 13:4100-4109(2002).
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).
Bienvenut W.V.,et al.Mol. Cell. Proteomics 11:M111.015131-M111.015131(2012).

Images



Western blot analysis of RRS1 expression in HEK293T (A), Hela (B), H1688 (C) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 41 kD)



Immunohistochemical analysis of RRS1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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