

ARG45219 anti-RRS1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RRS1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	RRS1
Species	Human
Immunogen	Recombinant protein containing to human RRS1.
Conjugation	Un-conjugated
Alternate Names	RRS1; Ribosome Biogenesis Regulator 1 Homolog; KIAA0112; Ribosome Biogenesis Regulatory Protein Homolog; Ribosome Biogenesis Regulator Homolog; Homolog Of Yeast Ribosome Biogenesis Regulatory Protein RRS1; RRS1 Ribosome Biogenesis Regulator Homolog (S. Cerevisiae); Ribosome Biogenesis Regulatory Protein RRS1 Homolog; Homolog Of Yeast Ribosome Biogenesis Regulator; RRS1 Ribosome Biogenesis Regulator Homolog; RRR

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	39 kDa	

Properties

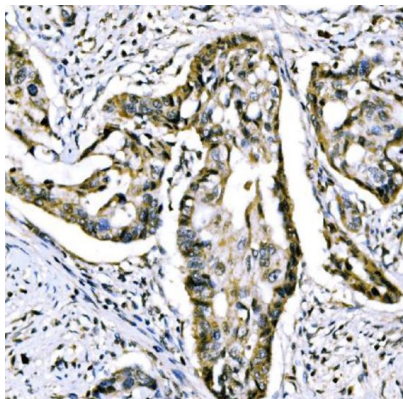
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

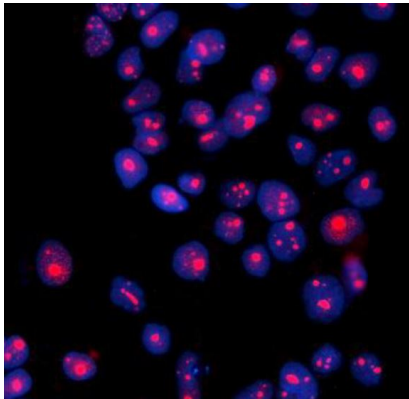
Gene Symbol	RRS1
Gene Full Name	Ribosome Biogenesis Regulator 1 Homolog
Background	Enables 5S rRNA binding activity. Involved in several processes, including mitotic metaphase chromosome alignment; protein localization to nucleolus; and ribosomal large subunit assembly. Located in condensed nuclear chromosome; nucleolus; and nucleoplasm. [provided by Alliance of Genome Resources, Nov 2024]
Function	Involved in ribosomal large subunit assembly. May regulate the localization of the 5S RNP/5S ribonucleoprotein particle to the nucleolus.. [UniProt]
Calculated Mw	41 kDa
PTM	Acetylation; Citrullination; Isopeptide bond; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



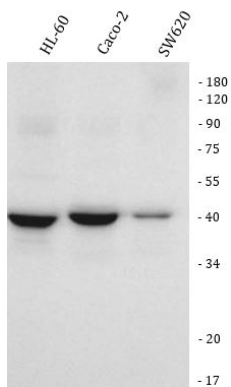
ARG45219 anti-RRS1 antibody IHC-P image

Immunohistochemistry: Human adenocarcinoma of the right colon stained with ARG45219 anti-RRS1 antibody at 2 µg/ml dilution.



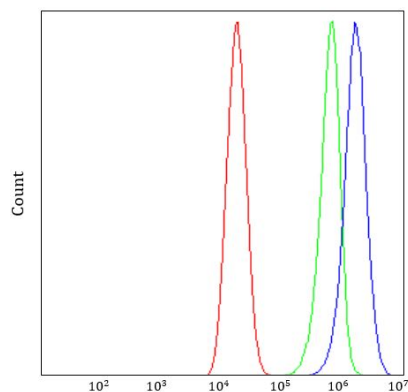
ARG45219 anti-RRS1 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45219 anti-RRS1 antibody at 5 ug/ml dilution.



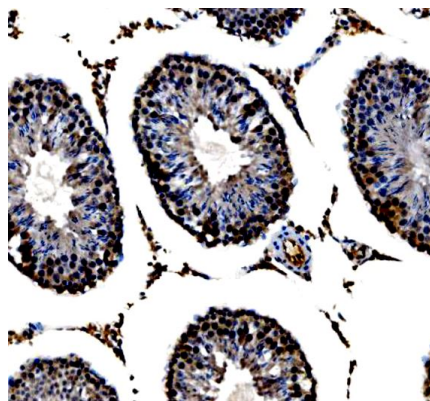
ARG45219 anti-RRS1 antibody WB image

Western blot: HL-60, Caco-2, and SW620 stained with ARG45219 anti-RRS1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



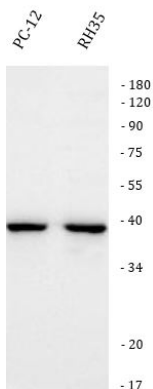
ARG45219 anti-RRS1 antibody FACS image

Flow Cytometry: Caco-2 stained with ARG45219 anti-RRS1 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



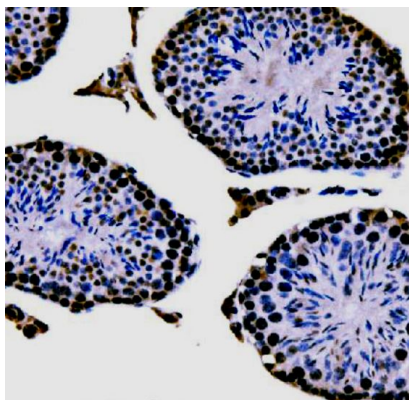
ARG45219 anti-RRS1 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG45219 anti-RRS1 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



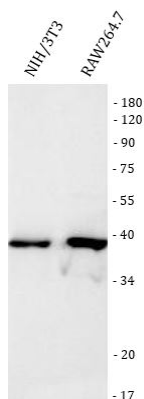
ARG45219 anti-RRS1 antibody WB image

Western blot: PC-12 and RH35 stained with ARG45219 anti-RRS1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45219 anti-RRS1 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG45219 anti-RRS1 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



ARG45219 anti-RRS1 antibody WB image

Western blot: NIH/3T3 and RAW264.7 stained with ARG45219 anti-RRS1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.