antibodies.com

Datasheet for ABIN650999 anti-RPS15A antibody (N-Term)

Images

Publications 2



Overview

Quantity:	400 µL
Target:	RPS15A (RA)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS15A antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RPS15A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human RPS15A.
Clone:	RB24215
Isotype:	Ig Fraction
Predicted Reactivity:	B, Zf, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

arget Details

Target:

RPS15A (RA)

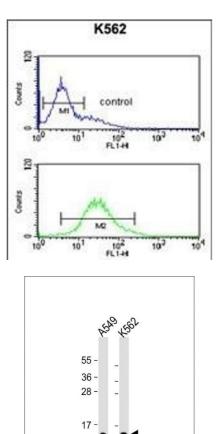
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Target Details	
Alternative Name:	RPS15A (RA Products)
Background:	RPS15A consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S8P family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Molecular Weight:	14840
Gene ID:	6210
NCBI Accession:	NP_001010, NP_001025180
UniProt:	P62244
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
Publications	
Product cited in:	Ding, Dellisanti, Ko, Czajkowski, Puglielli: "The endoplasmic reticulum-based acetyltransferases, ATase1 and ATase2, associate with the oligosaccharyltransferase to acetylate correctly folded

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Ding, Ko, Pehar, Kotch, Peters, Luo, Salamat, Puglielli: "Biochemical inhibition of the acetyltransferases ATase1 and ATase2 reduces ?-secretase (BACE1) levels and A? generation." in: **The Journal of biological chemistry**, Vol. 287, Issue 11, pp. 8424-33, (2012) (PubMed).

Images



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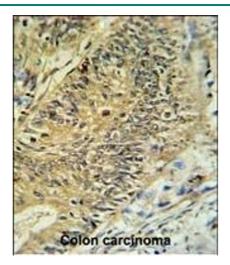
Flow Cytometry

Image 1. RPS15A Antibody (N-term) (ABIN650999 and ABIN2840032) flow cytometric analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. All lanes : Anti-RPS15A Antibody (N-term) at 1:1000 dilution Lane 1: A549 whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 3. RPS15A Antibody (N-term) (ABIN650999 and ABIN2840032) IHC analysis in formalin fixed and paraffin embedded colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RPS15A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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