

Anti-RPS4Y1 Antibody

Catalog # AP51490

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P22090
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29456

Additional Information

Gene ID	6192
Other Names	RPS4Y; 40S ribosomal protein S4, Y isoform 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RPS4Y1. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
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

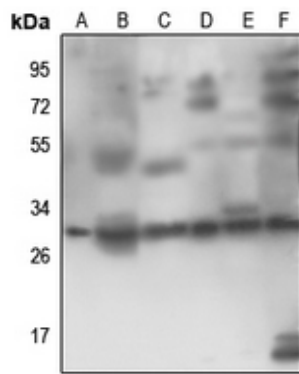
Protein Information

Name	RPS4Y1
Synonyms	RPS4Y

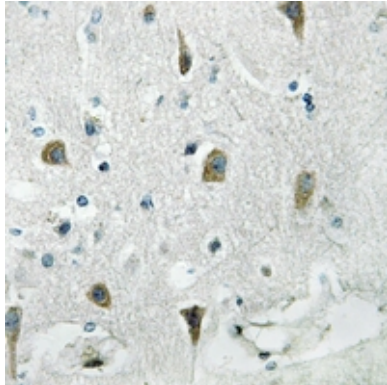
References

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Zhang C.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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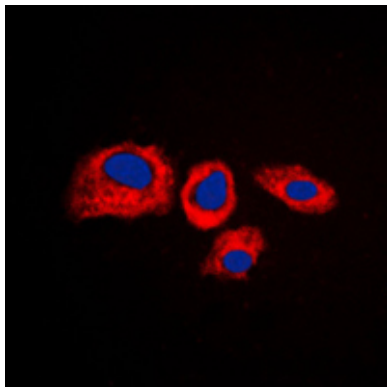
Images



Western blot analysis of RPS4Y1 expression in HEK293T (A), Hela (B), mouse lung (C), mouse testis (D), rat lung (E), rat testis (F) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 29 kD)



Immunohistochemical analysis of RPS4Y1 staining in human brain 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.



Immunofluorescent analysis of RPS4Y1 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.