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RPL18A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9141b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q02543
Other Accession	P62718, P62717, Q7ZWJ4, Q3T003
Reactivity	Human, Mouse
Predicted	Rat, Zebrafish, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23171
Calculated MW	20762
Antigen Region	140-166

Additional Information

Gene ID	6142
Other Names	60S ribosomal protein L18a, RPL18A
Target/Specificity	This RPL18A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 140-166 amino acids from the C-terminal region of human RPL18A.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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	RPL18A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RPL18A
Function	Component of the large ribosomal subunit. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the

cell.

Cellular Location Cytoplasm.

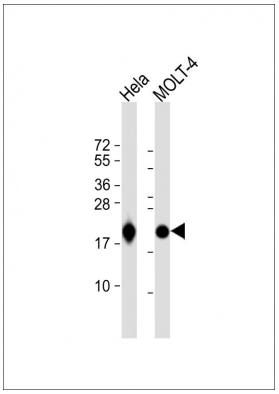
Background

Ribosomes, the organelles that catalyze protein synthesis, 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. RPL18A is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L18AE family of ribosomal proteins. It is located in the cytoplasm.

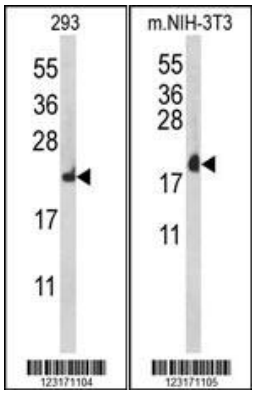
References

Wool,I.G., et.al., Biochem. Cell Biol. 73 (11-12), 933-947 (1995)

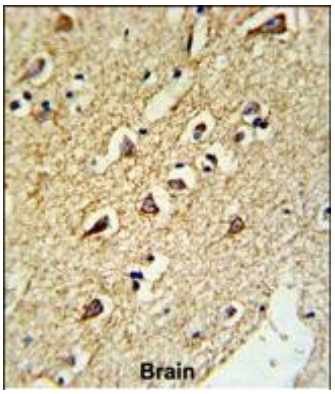
Images



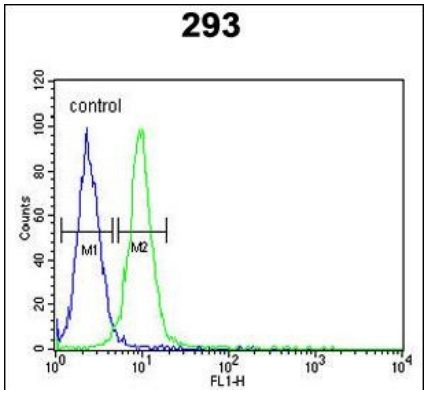
All lanes : Anti-RPL18A Antibody (C-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: MOLT-4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot analysis of RPL18A Antibody (C-term) (Cat. #AP9141b) in Hela, 293 cell line lysates (35ug/lane). RPL18A (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with RPL18A Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



RPL18A Antibody (C-term) (Cat. #AP9141b) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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