

Anti-RPS27 Antibody (N-Term)

Catalog Number: M06699

About RPS27

Required for synthesis of pyridoxal-5-phosphate from vitamin B6.

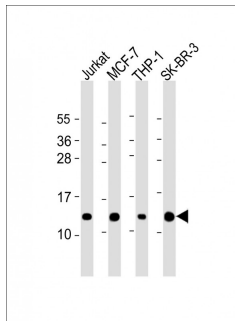
Overview

Product Name	Anti-RPS27 Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-RPS27 Antibody (N-Term) (Catalog # M06699). Tested in WB, Flow Cytometry, IHC-P application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	P42677

Technical Details

Immunogen	This RPS27 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 5-37 amino acids from human RPS27.
Predicted Reactive Species	Bovine, Mouse, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:2000 IHC-P: 1:25 FC: 1:25

Anti-RPS27 Antibody (N-Term) (M06699) Images



All lanes : Anti-RPS27 Antibody (N-Term) at 1:2000 dilution

Lane 1: Jurkat whole cell lysate

Lane 2: MCF-7 whole cell lysate

Lane 3: THP-1 whole cell lysate

Lane 4: SK-BR-3 whole cell lysate

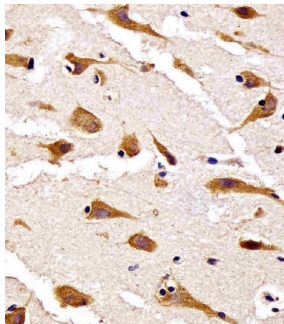
Lysates/proteins at 20 µg per lane.

Secondary

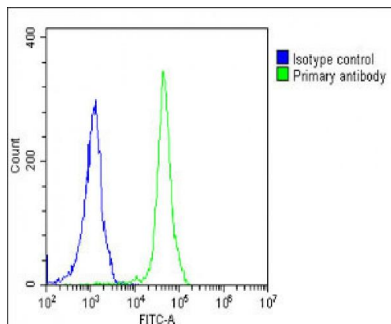
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 9 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



M06699 staining RPS27 in human brain tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing Jurkat cells stained with M06699 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M06699, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1g/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

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