

Anti-RPS27 Antibody (N-Term)

Catalog Number: M06699

About RPS27

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

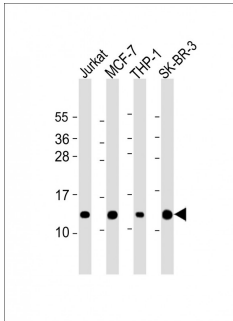
Overview

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

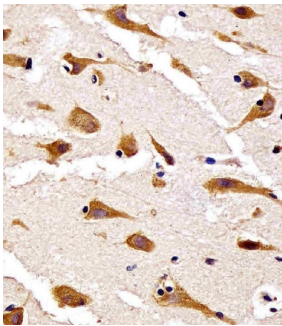
Technical Details

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	WB: 1:2000 IHC-P: 1:25 FC: 1:25

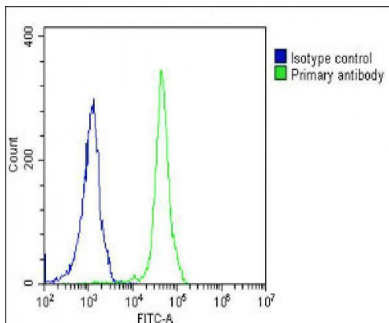
Anti-RPS27 Antibody (N-Term) (M06699) Images



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% NFDN/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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