

## Anti-RSBN1 Antibody (N-term)

Catalog Number: A15336

### About RSBN1

PSMAL has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity (By similarity). PSMA exhibits a dipeptidyl-peptidase IV type activity

### Overview

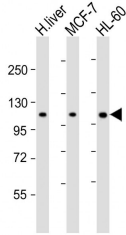
Product Name	Anti-RSBN1 Antibody (N-term)
Reactive Species	Human
Description	Boster Bio Anti-RSBN1 Antibody (N-term) (Catalog # A15336). Tested in WB, IHC-P, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified 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	Q5VWQ0

### Technical Details

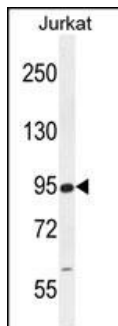
Immunogen	This RSBN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-78 amino acids from the N-terminal region of human RSBN1.
Predicted Reactive Species	Mouse, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed 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: 1:10-1:50



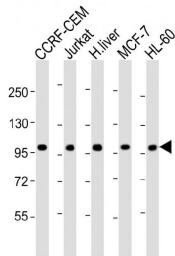
## Anti-RSBN1 Antibody (N-term) (A15336) Images



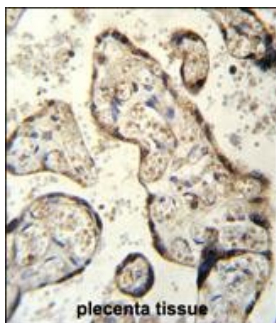
All lanes : Anti-RSBN1 Antibody (N-term) at 1:2000 dilution  
Lane 1: human liver lysate  
Lane 2: MCF-7 whole cell lysate  
Lane 3: HL-60 whole cell lysate  
Lysates/proteins at 20 µg per lane.  
Secondary  
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.  
Predicted band size : 90 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.



RSBN1 Antibody (N-term) (Cat. #A15336) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the RSBN1 antibody detected the RSBN1 protein (arrow).

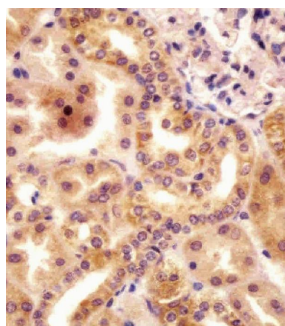


All lanes : Anti-RSBN1 Antibody (N-term) at 1:2000 dilution  
Lane 1: CCRF-CEM whole cell lysate  
Lane 2: Jurkat whole cell lysate  
Lane 3: human liver lysate  
Lane 4: MCF-7 whole cell lysate  
Lane 5: HL-60 whole cell lysate  
Lysates/proteins at 20 µg per lane.  
Secondary  
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.  
Predicted band size : 90 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

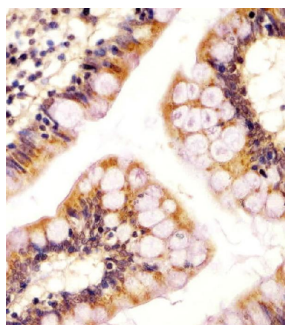


RSBN1 Antibody (N-term) (Cat. #A15336) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RSBN1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

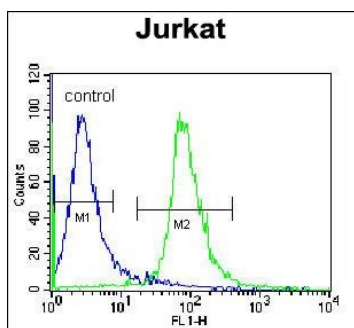
A15336 staining RSBN1 in human kidney tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation



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.



A15336 staining RSBN1 in human colon 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.



RSBN1 Antibody (N-term) (Cat. #A15336) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

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