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RBPJL Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12042A

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9UBG7
Other Accession	NP_055091.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31969
Calculated MW	56751
Antigen Region	8-36

Additional Information

Gene ID	11317
Other Names	Recombining binding protein suppressor of hairless-like protein, Transcription factor RBP-L, RBPJL, RBPL, RBPSUHL
Target/Specificity	This RBPJL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-36 amino acids from the N-terminal region of human RBPJL.
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 0.05% (V/V) Proclin 300. 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	RBPJL Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RBPJL
Synonyms	RBPL, RBPSUHL

Function	Putative transcription factor, which cooperates with EBNA2 to activate transcription.
Cellular Location	Nucleus.

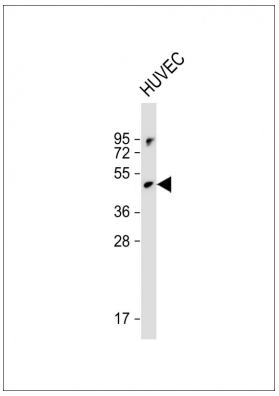
Background

In mouse, recombining binding protein L (RBP-L) is a transcription factor that binds to DNA sequences almost identical to that bound by the Notch receptor signalling pathway transcription factor RBP-J. However, unlike RBP-J, RBP-L does not interact with Notch receptors. RBP-L has been shown to activate transcription in concert with Epstein-Barr virus nuclear antigen-2 (EBNA2). The protein encoded by this gene is similar in sequence to the mouse RPB-L protein and Drosophila suppressor of hairless protein.

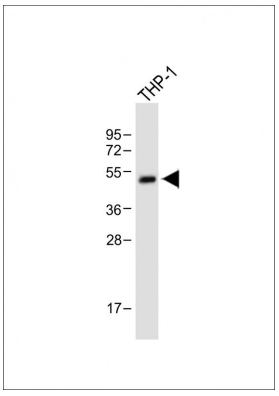
References

Beres, T.M., et al. Mol. Cell. Biol. 26(1):117-130(2006)
Deloukas, P., et al. Nature 414(6866):865-871(2001)
Nakagawa, H., et al. Oncogene 19(2):210-216(2000)
Tani, S., et al. J. Hum. Genet. 44(1):73-75(1999)
Minoguchi, S., et al. Mol. Cell. Biol. 17(5):2679-2687(1997)

Images

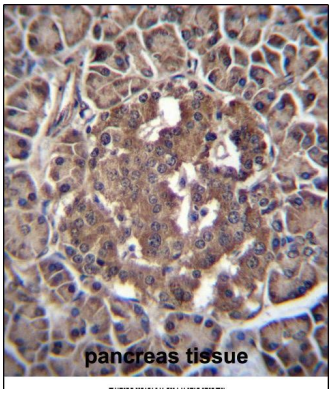


Anti-RBPJL Antibody (N-term) at 1:2000 dilution + HUVEC whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

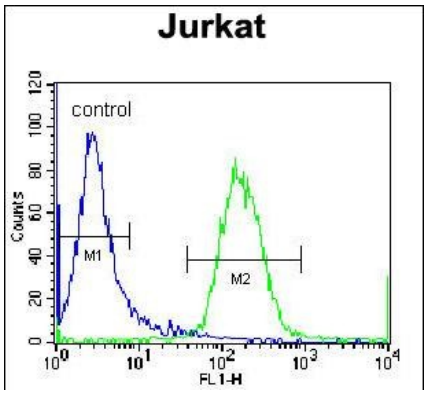


Anti-RBPJL Antibody (N-term) at 1:2000 dilution + THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RBPJL Antibody (N-term) (Cat. #AP12042a)immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RBPJL Antibody (N-term) for immunohistochemistry. Clinical relevance has not been



evaluated.



RBPJL Antibody (N-term) (Cat. #AP12042a) 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.

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