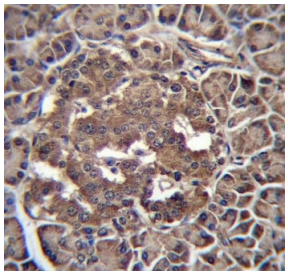
RBP-L Antibody / RBPJL (F54631)

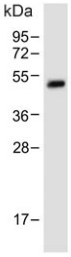
Catalog No.	Formulation	Size
F54631-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54631-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

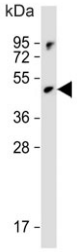
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9UBG7
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
Limitations	This RBP-L antibody is available for research use only.



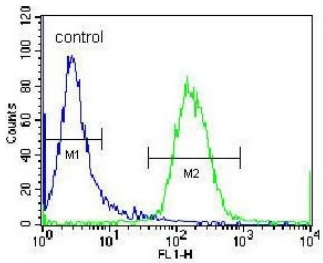
IHC testing of FFPE human pancreas tissue with RBP-L antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human ThP-1 cell lysate with RBP-L antibody. Predicted molecular weight ~57 kDa.



Western blot testing of HUVEC lysate with RBP-L antibody. Predicted molecular weight ~57 kDa.



Flow cytometry testing of human Jurkat cells with RBP-L antibody; Blue=isotype control, Green= RBP-L antibody.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the RBP-L antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 8-36 from the human protein was used as the immunogen for the RBP-L antibody.

Storage

Aliquot the RBP-L antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.