

Rat anti-Human, Mouse RBPJ Monoclonal Antibody | anti-RBPJ antibody

RBPJ antibody (mAb)(Clone 1F1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60039	Rat	Human, Mouse	Gel Super Shift Assay, Immunofluorescence, Immunocytochemistry, Chromatin Immunoprecipitation, Immunoprecipitation

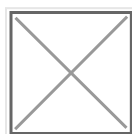
PRODUCT SYNONYMS

RBPJ; Monoclonal Antibody; RBPJ antibody (mAb)(Clone 1F1); SUH; csl; AOS3; CBF1; KBF2; RBP-J; RBPJK; IGKJRB; RBPSUH; IGKJRB1; anti-RBPJ antibody

PRODUCT SPECIFICATIONS

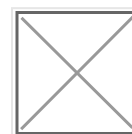
Host	Rat
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1F1
Purity/Purification	Protein G Chromatography
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-RBPJ antibody	EMSA (Electrophoretic Mobility Shift Assay), IF (Immunofluorescence), ICC (Immunocytochemistry), ChIP (Chromatin immunoprecipitation)
Immunogen	This antibody was raised against a full-length recombinant protein corresponding to human RBPJ.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



IF (Immunofluorescence)

RBPJ antibody (mAb) tested by immunofluorescence. Formaldehyde fixed HeLa cells stained with RBPJ antibody at a 0.5 ug/ml dilution.



ChIP (Chromatin Immunoprecipitation)

RBPJ antibody (mAb) tested by ChIP. Chromatin IP was performed using chromatin of an Epstein-Barr virus infected lymphoblastoid cell line (2 x 10⁶ cell equivalents per ChIP) and RBPJ antibody or the equivalent amount of IgG negative control. Real time, quantitative PCR (RT-qPCR) was performed on DNA purified from each of the ChIP reactions using primer pairs for a positive and negative control region. Data are presented as Fold Enrichment of the ChIP antibody signal versus the negative control IgG.

ADDITIONAL INFORMATION

Related Product Information for anti-RBPJ antibody	<p>Short Description: Our RBPJ antibody (mAb)(Clone 1F1) was raised in a Rat host. It has been validated for use in Chromatin Immunoprecipitation, Immunocytochemistry, Immunofluorescence and Supershift; it has been shown to react with Human and Mouse samples.</p> <p>Background: RBPJ (Recombination Signal Binding Protein For Immunoglobulin Kappa J Region) is a transcriptional regulator that plays a central role in Notch signaling, a signaling pathway involved in cell-cell communication that regulates a broad spectrum of cell-fate determinations. Acts as a transcriptional repressor when it is not associated with Notch proteins. When associated with some NICD product of Notch proteins (Notch intracellular domain), it acts as a transcriptional activator that activates transcription of Notch target genes. Probably represses or activates transcription via the recruitment of chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins, respectively. Specifically binds to the immunoglobulin kappa-type J segment recombination signal sequence. Binds specifically to methylated DNA.</p>
Product Categories/Family for anti-RBPJ antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	68kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rbpj-antibody-clone-1f1-electrophoretic-mobility-shift-assay-immunofluorescence-immunocytochemistry-chromatin-immunoprecipitation-elisa/60039>