

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

RBPJ Mouse Monoclonal

CATALOG # AAA248068	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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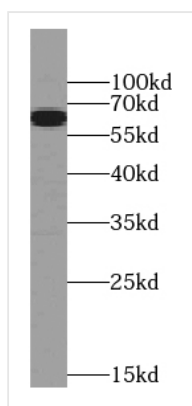
PRODUCT SYNONYMS

RBPJ; Monoclonal Antibody; RBPJ Mouse Monoclonal; IGKJRB; IGKJRB1; RBPJK; RBPSUH; anti-RBPJ antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2A10
Purity/Purification	≥ 95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Sequence Length	487
Applicable Applications for anti-RBPJ antibody	WB (Western Blot), ELISA
Immunogen	Recombination signal binding protein for immunoglobulin kappa J region
Preparation and Storage	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

HepG2 cells were subjected to SDS PAGE followed by western blot with AAA248068 (RBPJ antibody) at dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-RBPJ antibody	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. Binds to the oxygen responsive element of COX4I2 and activates its transcription under hypoxia conditions (4% oxygen) (PubMed:23303788).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42560229
NCBI GeneID	3516
NCBI Accession #	NP_056958.3
NCBI GenBank Nucleotide #	NM_015874.4
Molecular Weight	Observed MW: 60 kDa
NCBI Official Full Name	recombining binding protein suppressor of hairless isoform 2
NCBI Official Synonym Full Names	recombination signal binding protein for immunoglobulin kappa J region
NCBI Official Symbol	RBPJ
NCBI Official Synonym Symbols	SUH; csl; AOS3; CBF1; KBF2; RBP-J; RBPJK; IGKJRB; RBPSUH; IGKJRB1
NCBI Protein Information	recombining binding protein suppressor of hairless
UniProt Protein Name	Recombining binding protein suppressor of hairless
UniProt Gene Name	RBPJ
UniProt Synonym Gene Names	IGKJRB; IGKJRB1; RBPJK; RBPSUH; RBP-J; RBP-JK
UniProt Entry Name	SUH_HUMAN

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.