

Anti-RBPJK Polyclonal Antibody

Product Details

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|-------------------|---|
| Ig Type: | IgG |
| Reactivity: | Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse, Rabbit) |
| Molecular Weight: | Theoretical: 56 kDa. Actual: 56 kDa. |
| Purification: | Protein A purified |

Applications

1. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (RBPJK) Polyclonal Antibody, Unconjugated (TMAB-12159) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

2. Sample:

Embryo (Mouse) Lysate at 40 µg

Colon carcinoma (Human) Lysate at 40 µg

Primary: Anti-RBPJK (TMAB-12159) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1/5000 dilution

Predicted band size: 56 kD

Verified Activity: Observed band size: 55 kD

TMAB-12159 RBPJK/RBP-J (55 kD)

3. Paraformaldehyde-fixed, paraffin embedded (mouse pancreas tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (RBPJK) Polyclonal Antibody, Unconjugated (TMAB-12159) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

4. Sample: Embryo (Mouse) Lysate at 40 µg

Primary: Anti-RBPJK (TMAB-12159) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 56 kD

Observed band size: 56 kD

Application: WB, IHC-P, IHC-Fr, IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human RBPJK
Antigen Species: Human
Gene ID: 3516
Uniprot ID: Q06330

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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