

## RBPJ Ab

[References\(1\)](#) [Images\(6\)](#)

Cat.#: DF7453  
Size: 100ul,200ul,50ul

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 55kDa, 70 kDa  
Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000  
\*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

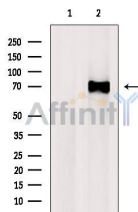
Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human RBPJ, corresponding to a region within C-terminal amino acids.

Uniprot: Q06330

Description: The protein encoded by this gene is a transcriptional regulator important in the Notch signaling pathway. The encoded protein acts as a repressor when not bound to Notch proteins and an activator when bound to Notch proteins. It is thought to function by recruiting chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins to Notch signaling pathway genes. Several transcript variants encoding different isoforms have been found for this gene, and several pseudogenes of this gene exist on chromosome 9.

Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF7, using RBPJ Ab. The lane on the left was treated with blocking peptide.

Observed bands: 70 kDa.



DF7453 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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