bs-21663R

[Primary Antibody]

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Notch 2 Rabbit pAb

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4853 **SWISS:** Q04721

Target: Notch 2

Immunogen: KLH conjugated synthetic peptide derived from human Notch 2:

1871-1970/2471. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Functions as a receptor for membrane-bound ligands Jagged1,

Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain

(NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and

apoptotic programs.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500)

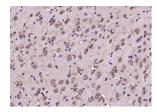
Reactivity: Mouse, Rat

(predicted: Human)

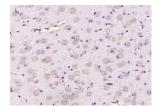
Predicted MW.: 262 kDa

Subcellular Location: Cell membrane ,Nucleus

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Notch 2) Polyclonal Antibody, Unconjugated (bs-21663R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Notch 2) Polyclonal Antibody, Unconjugated (bs-21663R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS ———

- [IF=3.881] Yawen Fang. et al. Perinatal exposure to nonylphenol promotes proliferation of granule cell precursors in offspring cerebellum: Involvement of the activation of Notch2 signaling. Neurochem Int. 2020 Nov;140:104843 IF; Dog. 32866557
- [IF=4.2] Xia Liang. et al. Notch2 improves granulosa cell functions in premature ovarian failure by activating the Wnt2/β-catenin pathway. J OVARIAN RES. 2025 Jul;18:169 WB; Mouse, Human. 40739650