

NOTCH4 polyclonal antibody

Catalog: BS90956

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The LIN-12/Notch transmembrane receptors are believed to play a central role in development by regulating cell fate decisions. Four Notch homologs (Notch 1, Notch 2, Notch 3 and Notch 4) have been identified in mammals. The Notch genes are expressed in a variety of embryonic and adult tissues, suggesting that the genes are involved in multiple signaling pathways. Notch proteins have been found to be overexpressed or rearranged in human tumors. Ligands for Notch include Jagged1, Jagged2 and Delta. Jagged1 can activate Notch and prevent myoblast differentiation by inhibiting the expression of muscle regulatory and structural genes. Jagged2 may be involved in tissue development that is dependent upon epithelial-mesenchymal interactions. In addition to its normal expression in the adrenal gland and placenta, Delta expression has also been found in neuroendocrine tumors.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

210 kDa

Swiss-Prot:

Q99466(Human) P31695(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

FC:1:50-1:100

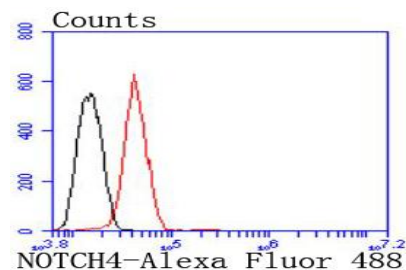
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -81 °C. Avoid repeated freeze / thaw cycles.

Specificity:

NOTCH4 polyclonal antibody detects endogenous levels of NOTCH4 protein.

DATA:



Flow cytometric analysis of Hela cells with NOTCH4 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Note:

For research use only, not for use in diagnostic procedure.

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