

Cleaved-Notch 2 (A1734) polyclonal antibody

Catalog: BS7043

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The LIN-12/Notch family of transmembrane receptors is believed to play a central role in development by regulating cell fate decisions. To date, four Notch homologs have been identified in mammals and have been designated Notch 1, Notch 2, Notch 3 and Notch 4. The Notch genes are expressed in a variety of tissues in both the embryonic and adult organism, suggesting that the genes are involved in multiple signaling pathways. The Notch proteins have been found to be overexpressed or rearranged in human tumors. Ligands for Notch include Jagged, Jagged2 and Delta. Jagged can activate Notch and prevent myoblast differentiation by inhibiting the expression of muscle regulatory and structural genes. Jagged2 is thought to be involved in the development of various tissues whose development is dependent upon epithelial-mesenchymal interactions.

Product:

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

Molecular Weight:

~110 kDa

Swiss-Prot:

Q04721

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

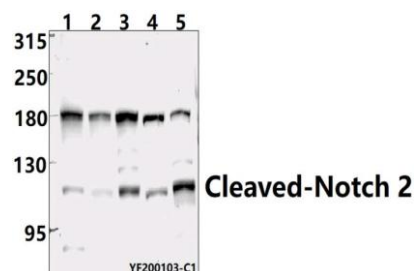
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Cleaved-Notch 2 (A1734) polyclonal antibody detects endogenous levels of Notch 2 protein intracellular domain.

DATA:



Western blot (WB) analysis of Cleaved-Notch 2 pAb at 1:500 dilution

Lane1:MEF whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:HepG2 whole cell lysate(40ug)

Lane5:U-87MG whole cell lysate (40ug)

Note:

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

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