
anti-Notch 1

Cat #: HM1256
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Notch proteins are type 1 transmembrane proteins that share structural characteristics including an extracellular domain consisting of multiple epidermal growth factor-like (EGF) repeats, and an intracellular domain consisting of multiple, different domain types. 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 they are involved in multiple signaling pathways. Ligands for Notch include Jagged, Jagged-2 and Delta.

SPECIFICITY

This antibody reacts with Notch 1 (also designated TAN-1) of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry (including paraffin embedded sections); non cross-reactive with Notch 2 or Notch 3.

Molecular Weight of Notch 1: 120 kDa. Western blotting positive controls: mouse brain extract.

IMMUNOGEN

A peptide at the carboxy terminus of human Notch 1.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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