

**Anti-Human/Mouse NHLH1/2 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04379**

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3th Edition

**Description:**The helix-loop-helix (HLH) proteins are a family of putative transcription factors, some of which have been shown to play an important role in growth and development of a wide variety of tissues and species. Four members of this family have been clearly implicated in tumorigenesis via their involvement in chromosomal translocations in lymphoid tumors: MYC (MIM 190080), LYL1 (MIM 151440), E2A (MIM 147141), and SCL (MIM 187040).NHLH1 (Nescient Helix-Loop-Helix 1) is a Protein Coding gene. Diseases associated with NHLH1 include Orofacial Cleft and Physical Disorder. GO annotations related to this gene include protein dimerization activity and transcriptional activator activity, RNA polymerase II transcription regulatory region sequence-specific binding. An important paralog of this gene is NHLH2. NHLH2 (Nescient Helix-Loop-Helix 2) is a Protein Coding gene. Diseases associated with NHLH2 include Neuroblastoma. GO annotations related to this gene include protein dimerization activity and RNA polymerase II activating transcription factor binding. An important paralog of this gene is NHLH1.May serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.

**Antigen:**Synthesized peptide derived from the Internal region of human HEN1/2

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**