Datasheet for ABIN1386600
anti-NHLH1 antibody (AA 51-133)


Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | NHLH1 |
| Binding Specificity: | AA 51-133 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | This NHLH1 antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen <br> Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), <br> Immunocytochemistry (ICC) |

## Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human NHLH1 |
| :--- | :--- |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |
| Target Details | NHLH1 |
| Target: | NHLH1 (NHLH1 Products) |
| Alternative Name: |  |

Synonyms: bHLHa35, Class A basic helix-loop-helix protein 35, Helix-loop-helix protein 1, HEN-1, HEN1, HEN1_HUMAN, Nescient helix loop helix 1, Nhlh1, NSCL, NSCL-1, NSCL1, OTTHUMP00000031860.

Background: The helix-loop-helix (HLH) structures are known motifs commonly found in membrane-active and DNA-binding proteins. The helix-loop-helix proteins HEN1 and HEN2 are DNA-binding proteins that may be involved in cell-type determination in the early nervous system. Studies of expression in normal tissues have demonstrated expression of NHLH1/NSCL-1 and NHLH2/NSCL-2, the genes encoding HEN1 and HEN2, in the developing central and peripheral nervous system, specifically in developing neurons.

## Application Details

| Application Notes: | WB 1:300-5000 |
| :---: | :---: |
|  | ELISA 1:500-1000 |
|  | IHC-P 1:200-400 |
|  | IHC-F 1:100-500 |
|  | IF(IHC-P) 1:50-200 |
|  | IF (IHC-F) 1:50-200 |
|  | IF(ICC) 1:50-200 |
|  | ICC 1:100-500 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $1 \mu \mathrm{~g} / \mu \mathrm{L}$ |
| Buffer: | 0.01M TBS( pH 7.4) with 1 \% BSA, 0.02 \% Proclin300 and $50 \%$ Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | $4{ }^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Shipped at $4^{\circ} \mathrm{C}$. Store at $-20^{\circ} \mathrm{C}$ for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

