

NHLH1 Rabbit pAb

Catalog No.: A15695

Basic Information

Observed MW

22kDa

Calculated MW

15kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human

Background

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).

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:100 - 1:500

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Contact

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Immunogen Information

Gene ID

4807

Swiss Prot

Q02575

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-60 of human NHLH1 (NP_005589.1).

Synonyms

HEN1; NSCL; NSCL1; bHLHa35; NHLH1

Product Information

Source

Rabbit

Isotype

IgG

Purification

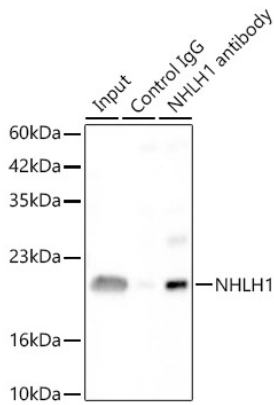
Affinity purification

Storage

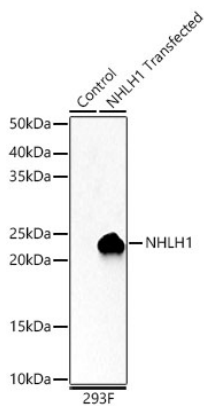
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

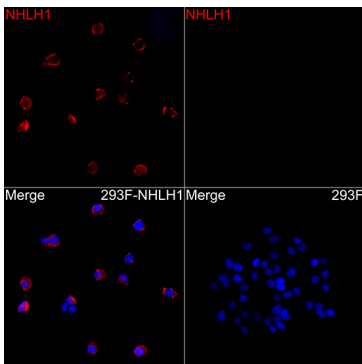
Validation Data



Immunoprecipitation analysis of 300ug extracts of 293F-NHLH1-Avi-His(C) cells using 3ug NHLH1 Rabbit pAb (A15695 1:300). Western blot was performed from the immunoprecipitate using NHLH1 Rabbit pAb antibody (A15695) at a dilution of 1:3000.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with NHLH1 using NHLH1 Rabbit pAb (A15695) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of 293F cells transfected with NHLH1 using NHLH1 Rabbit pAb (A15695) at a dilution of 1:400 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.