NHLH1 Rabbit mAb

Catalog No.: A24160 Recombinant



Basic Information

Observed MW

15kDa/22kDa (N-terminal protein)

Calculated MW

15kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IP,ChIP,ELISA

Cross-Reactivity

Human

CloneNo number

ARC63732

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 - 1:3000

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.

ChIP 5μg antibody for

10μg-15μg of Chromatin

Contact

www.abclonal.com

Immunogen Information

 Gene ID
 Swiss Prot

 4807
 Q02575

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HEN1; NSCL; NSCL1; bHLHa35; NHLH1

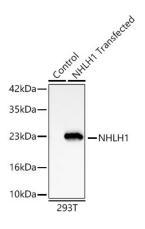
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with NHLH1 using NHLH1 Rabbit mAb (A24160) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000

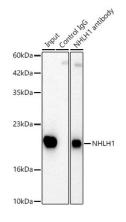
dilution.

Lysates/proteins: 25 µg per lane.

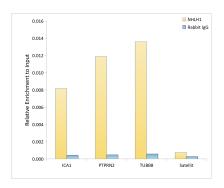
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.



Immunoprecipitation of NHLH1 in 300 μ g extracts from 293F cells transfected with NHLH1, using 3 μ g NHLH1 Rabbit mAb (A24160). Western blot was performed from the Immunoprecipitate using NHLH1 Rabbit mAb (A24828) at 1:1000 dilution.



Chromatin immunoprecipitation was performed with cross-linked chromatin from 293T cells transfected with NHLH1, using NHLH1 Rabbit mAb (A24160) and rabbit IgG (AC042). The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram compares the ratio of the immunoprecipitated DNA versus the input.