

NHLH1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16897c**Specification**

NHLH1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q02575
Other Accession	NP_005589.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	14618
Antigen Region	38-67

NHLH1 Antibody (Center) - Additional Information**Gene ID** 4807**Other Names**

Helix-loop-helix protein 1, HEN-1, Class A basic helix-loop-helix protein 35, bHLHa35, Nescient helix loop helix 1, NSCL-1, NHLH1, BHLHA35, HEN1

Target/Specificity

This NHLH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-67 amino acids from the Central region of human NHLH1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NHLH1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NHLH1 Antibody (Center) - Protein Information**Name** NHLH1

Synonyms BHLHA35, HEN1

Function May serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.

Cellular Location

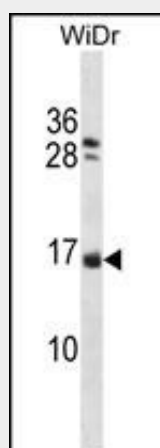
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

NHLH1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NHLH1 Antibody (Center) - Images



NHLH1 Antibody (Center) (Cat. #AP16897c) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the NHLH1 antibody detected the NHLH1 protein (arrow).

NHLH1 Antibody (Center) - 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). [supplied by OMIM].

NHLH1 Antibody (Center) - References

Manetopoulos, C., et al. Biochem. Biophys. Res. Commun. 307(4):891-899(2003)

Bao, J., et al. Development 127(2):425-435(2000)
Lipkowitz, S., et al. J. Biol. Chem. 267(29):21065-21071(1992)
Brown, L., et al. Proc. Natl. Acad. Sci. U.S.A. 89(18):8492-8496(1992)
Begley, C.G., et al. Proc. Natl. Acad. Sci. U.S.A. 89(1):38-42(1992)