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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

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.

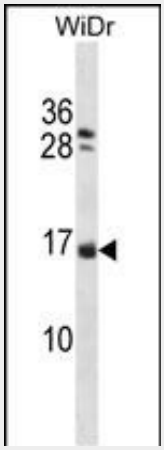
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

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 Cytomety
- 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)