

HEYL Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16997a**Specification**

HEYL Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9NQ87](#)

HEYL Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 26508

Other Names

Hairy/enhancer-of-split related with YRPW motif-like protein, hHeyL, Class B basic helix-loop-helix protein 33, bHLHb33, Hairy-related transcription factor 3, HRT-3, hHRT3, HEYL, BHLHB33, HRT3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HEYL Antibody (N-term) Blocking Peptide - Protein Information

Name HEYL

Synonyms BHLHB33, HRT3

Function

Downstream effector of Notch signaling which may be required for cardiovascular development (By similarity). Transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGTG-3' (By similarity). Represses transcription by the cardiac transcriptional activators GATA4 and GATA6.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00380, ECO:0000255|PROSITE-ProRule:PRU00981}

HEYL Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HEYL Antibody (N-term) Blocking Peptide - Images**HEYL Antibody (N-term) Blocking Peptide - Background**

This gene encodes a member of the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcription factors. The sequence of the encoded protein contains a conserved bHLH and orange domain, but its YRPW motif has diverged from other HESR family members. It is thought to be an effector of Notch signaling and a regulator of cell fate decisions. Alternatively spliced transcript variants have been found, but their biological validity has not been determined. [provided by RefSeq].

HEYL Antibody (N-term) Blocking Peptide - References

Kokubo, H., et al. Trends Cardiovasc. Med. 15(5):190-194(2005) Colland, F., et al. Genome Res. 14(7):1324-1332(2004) Iso, T., et al. J. Cell. Physiol. 194(3):237-255(2003) Nakagawa, O., et al. Proc. Natl. Acad. Sci. U.S.A. 97(25):13655-13660(2000) Firulli, B.A., et al. J. Biol. Chem. 275(43):33567-33573(2000)