10320 Camino Santa Fe, Suite G
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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

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HEYL Antibody (N-term) Blocking Peptide - Images

HEYL Antibody (N-term) Blocking Peptide - Background

This gene encodes a member of the hairy and enhancer ofsplit-related (HESR) family of basic helix-loop-helix (bHLH)-typetranscription factors. The sequence of the encoded protein containsa conserved bHLH and orange domain, but its YRPW motif has divergedfrom other HESR family members. It is thought to be an effector ofNotch signaling and a regulator of cell fate decisions.Alternatively spliced transcript variants have been found, buttheir biological validity has not been determined. [provided byRefSeq].

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)