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MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP2702a

Specification

MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q92858

MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 474

Other Names
Protein atonal homolog 1, Class A basic helix-loop-helix protein 14, bHLHa14, Helix-loop-helix protein hATH-1, hATH1, ATOH1, ATH1, BHLHA14

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2702a was selected from the N-term region of human ATOH1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide - Protein Information

Name ATOH1 (HGNC:797)

Synonyms ATH1, BHLHA14

Function
Transcriptional regulator. Activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is completely antagonized by the negative regulator of neurogenesis HES1. Plays a role in the differentiation of subsets of neural cells by activating E box-dependent transcription (By similarity).

Cellular Location
Nucleus.

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MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide - Images

MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide - Background

ATOH1 belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47.

MATH1/HATH1/ATOH1 Antibody (N-term) Blocking peptide - References

Aragaki,M.,Biochem. Biophys. Res. Commun. 368 (4), 923-929 (2008)Scheffer,D., FEBS Lett. 581 (24), 4651-4656 (2007)