

MATH1/HATH1/ATOH1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP2702b**Specification**

MATH1/HATH1/ATOH1 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q92858](#)**MATH1/HATH1/ATOH1 Antibody (C-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 [AP2702b](/product/products/AP2702b) was selected from the C-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 (C-term) Blocking peptide - Protein InformationName 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.

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

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

- [Blocking Peptides](#)

MATH1/HATH1/ATOH1 Antibody (C-term) Blocking peptide - Images**MATH1/HATH1/ATOH1 Antibody (C-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 (C-term) Blocking peptide - References

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