

## 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 <a href=/product/products/AP2702a>AP2702a</a> 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.



# 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)