

**ATOH1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20212b**

**Specification**

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**ATOH1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O92858</a>
Other Accession	<a href="#">NP_005163.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38160
Antigen Region	310-338

**ATOH1 Antibody (C-term) - 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**

This ATOH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 310-338 amino acids from the C-terminal region of human ATOH1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ATOH1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ATOH1 Antibody (C-term) - 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**

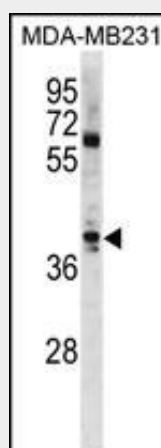
Nucleus.

#### **ATOH1 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **ATOH1 Antibody (C-term) - Images**



ATOH1 Antibody (C-term) (Cat. #AP20212b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the ATOH1 antibody detected the ATOH1 protein (arrow).

#### **ATOH1 Antibody (C-term) - Background**

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

#### **ATOH1 Antibody (C-term) - References**

- Kazanjian, A., et al. *Gastroenterology* 139(3):918-928(2010)  
Heiskala, K., et al. *Histol. Histopathol.* 25(1):63-72(2010)  
Maricich, S.M., et al. *J. Neurosci.* 29(36):11123-11133(2009)  
Bossuyt, W., et al. *PLoS Biol.* 7 (2), E39 (2009) :  
Aragaki, M., et al. *Biochem. Biophys. Res. Commun.* 368(4):923-929(2008)