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ATOH1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20212b

Specification

ATOH1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q92858
Other Accession	NP_005163.1
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).

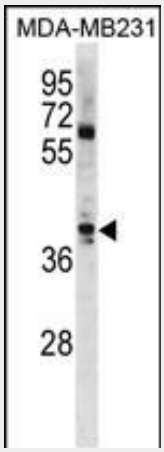
Cellular Location
Nucleus.

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 Cytomety
- 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)