ABclonal Technology®

# ATOH1 Rabbit mAb

**Catalog No.: A11477**   `Recombinant`   `1 Publications`

## Basic Information

**Observed MW**
45kDa

**Calculated MW**
38kDa

**Category**
Primary antibody

**Applications**
ELISA,WB

**Cross-Reactivity**
Human

**CloneNo number**
ARC0609

## Background

Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in neuron differentiation; positive regulation of neuron differentiation; and regulation of transcription by RNA polymerase II. Predicted to act upstream of or within several processes, including generation of neurons; inner ear morphogenesis; and positive regulation of inner ear auditory receptor cell differentiation. Predicted to be part of chromatin. Predicted to be active in nucleus.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:1000 |

## Immunogen Information

**Gene ID**
474

**Swiss Prot**
Q92858

**Immunogen**
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ATOH1 (Q92858).

**Synonyms**
ATH1; HATH1; DFNA89; MATH-1; bHLHa14; ATOH1

## Contact

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## Product Information

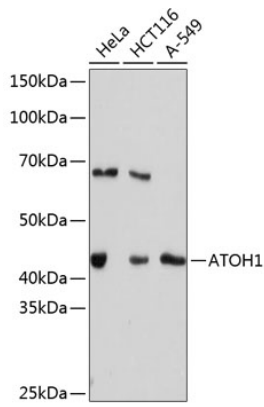| **Source** | **Isotype** | **Purification** |
|---|---|---|
| Rabbit | IgG | Affinity purification |

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

# Validation Data



Western blot analysis of various lysates using ATOH1 Rabbit mAb (A11477) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3min.