

For Research Use Only

# CoraLite® Plus 488-conjugated ATOH1 Polyclonal antibody

Catalog Number: CL488-21215

1 Publications



## Basic Information

Catalog Number:

CL488-21215

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15615

GenBank Accession Number:

BC069594

GeneID (NCBI):

474

UNIPROT ID:

Q92858

Full Name:

atonal homolog 1 (Drosophila)

Calculated MW:

354 aa, 38 kDa

Observed MW:

38-40 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

## Background Information

ATOH1, also named as Protein atonal homolog 1 or BHLHA14, is a 364 amino acid protein, which contains 1 bHLH (basic helix-loop-helix) domain. ATOH1, as a transcriptional regulator in the nucleus activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is completely antagonized by the negative regulator of neurogenesis HES1. ATOH1 plays a role in the differentiation of subsets of neural cells by activating E box-dependent transcription.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenjin Wu	38472516	J Assoc Res Otolaryngol	IF

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

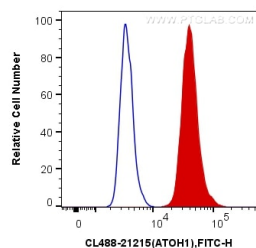
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## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ATOH1 (CL488-21215) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).