

Datasheet for ABIN334354

**anti-ATOH7 antibody (Internal Region)**[Go to Product page](#)**1** Publication

## Overview

Quantity:	100 µg
Target:	ATOH7
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ATOH7 antibody is un-conjugated
Application:	ELISA

## Product Details

Purpose:	Atoh7 (mouse)
Immunogen:	CEQRGRDHPYLP
Sequence:	CEQRGRDHPY LP
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

Target:	ATOH7
Alternative Name:	Atoh7 ( <a href="#">ATOH7 Products</a> )
Background:	Atoh7, atonal homolog 7 (Drosophila), Math, atonal homolog 7
Gene ID:	53404, 365564
NCBI Accession:	<a href="#">NP_058560</a>

## Application Details

Application Notes:	Western Blot: Preliminary experiments gave bands at approx 50 kDa and 38 kDa in Mouse Eye and Rat Optical Nerve lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe gi Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Publications

Product cited in:	Prasov, Brown, Glaser: "A critical analysis of Atoh7 (Math5) mRNA splicing in the developing mouse retina." in: <b>PLoS ONE</b> , Vol. 5, Issue 8, pp. e12315, (2010) ( <a href="#">PubMed</a> ).
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