

**ATOH7 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant ATOH7.****Catalog # AT1226a****Specification**

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**ATOH7 Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB                        |
| Primary Accession | <a href="#">Q8N100</a>    |
| Other Accession   | <a href="#">NM_145178</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG2a Kappa               |
| Calculated MW     | 16871                     |

**ATOH7 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 220202**Other Names**

Protein atonal homolog 7, Class A basic helix-loop-helix protein 13, bHLHa13, Helix-loop-helix protein hATH-5, hATH5, ATOH7, ATH5, BHLHA13

**Target/Specificity**

ATOH7 (NP\_660161, 53 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

ATOH7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

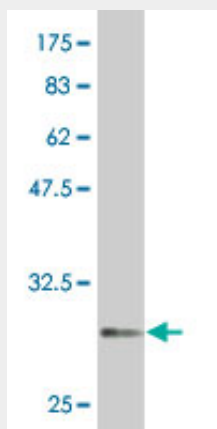
**ATOH7 Antibody (monoclonal) (M01) - Protocols**

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

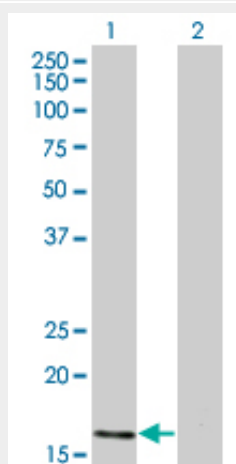
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### ATOH7 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.06 KDa) .



Western Blot analysis of ATOH7 expression in transfected 293T cell line by ATOH7 monoclonal antibody (M01), clone 1A5.

Lane 1: ATOH7 transfected lysate (16.9 KDa).

Lane 2: Non-transfected lysate.

#### ATOH7 Antibody (monoclonal) (M01) - Background

ATOH7 is a member of the family of basic helix-loop-helix (bHLH) proteins with similarity to *Drosophila* 'atonal,' a proneural bHLH gene that controls photoreceptor development (Brown et al., 2002 [PubMed 11889557]).

#### ATOH7 Antibody (monoclonal) (M01) - References

1. ATOH7 mutations cause autosomal recessive persistent hyperplasia of the primary

vitreous. Prasov L, Masud T, Khaliq S, Mehdi SQ, Abid A, Oliver ER, Silva ED, Lewanda A, Brodsky MC, Borchert M, Kelberman D, Sowden JC, Dattani MT, Glaser T. Hum Mol Genet. 2012 Jun 8.