

## Datasheet

### ATOH7 monoclonal antibody (M01), clone 1A5

**Catalog Number:** H00220202-M01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant ATOH7.

**Clone Name:** 1A5

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

**Sequence:**

MQGLNTAFDRLRRVVPQWGQDKKLSKYETLQMALSYI  
MALTRILAEA

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 220202

**Gene Symbol:** ATOH7

**Gene Alias:** Math5, bHLHa13

**Gene Summary:** 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]).[supplied by OMIM]

**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.