

Datasheet

ATOH7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00220202-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human ATOH7 protein.

Immunogen: ATOH7 (NP_660161.1, 1 a.a. ~ 152 a.a) full-length human protein.

Sequence:

MKSCKPSGPPAGARVAPPCAGGTECAGTCAGAGRLE
SAARRRLAANARERRRMQGLNTAFDRLRRVVPQWG
QDKKLSKYETLQMALSYIMALTRILAEAERFGSERDWV
GLHCEHFGRDHYLPFPGAKLPGESELYSQRLFGFQPE
PFQMAT

Host: Rabbit

Reactivity: Human

Applications: 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

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.

2. A Critical Analysis of Atoh7 (Math5) mRNA Splicing in the Developing Mouse Retina. Prasov L, Brown NL, Glaser T. PLoS One. 2010 Aug 24;5(8). pii: e12315.