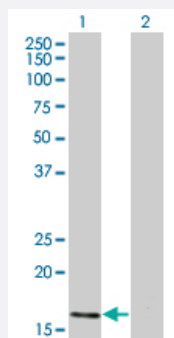


ATOH7 monoclonal antibody (M01), clone 1A5

Catalog # H00220202-M01

Size 100 ug

Applications



Western Blot (Transfected lysate)

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.

Western Blot detection against Immunogen (31.06 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ATOH7.
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	MQGLNTAFDRLRRVVPQWGQDKKLSKYETLQMALSYIMALTRILAEA
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

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

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ATOH7

Entrez GeneID

[220202](#)

GeneBank Accession#

[NM_145178](#)

Protein Accession#

[NP_660161](#)

Gene Name

ATOH7

Gene Alias

Math5, bHLHa13

Gene Description

atonal homolog 7 (Drosophila)

Omim ID

[609875](#)

Gene Ontology

[Hyperlink](#)

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]

Other Designations

OTTHUMP00000019697|atonal homolog 7

Publication Reference

- [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.

Human Molecular Genetics 2012 Aug; 21(16):3681.

Application: Func, Human, HEK 293T cells

Disease

- [Blindness](#)