

ATOH7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ATOH7.

Catalog # AT1226a

Product Information

Application	WB
Primary Accession	Q8N100
Other Accession	NM_145178
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1A5
Calculated MW	16871

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.

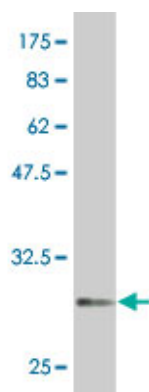
Background

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]).

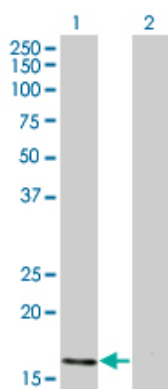
References

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.