



## Anti-ATOH1 (aa 100-200) polyclonal antibody (DPABH-28275)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is completely antagonized by the negative regulator of neurogenesis HES1. May play a role in the differentiation of subsets of neural cells by activating E box-dependent transcription.
<b>Immunogen</b>	Synthetic peptide corresponding to Mouse MATH1/HATH1 aa 100-200 conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: P48985
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.20; Constituent: PBS. Note: Contains antibody stabiliser(0.05% proclin 300,10mg/ml BSA)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">ATOH1 atonal homolog 2 (Drosophila) [ <i>Mus musculus</i> ]</a>
Official Symbol	ATOH1
Synonyms	ATOH1; atonal homolog 1 (Drosophila); Hath1; Math1; MATH-1; bHLHa14; protein atonal homolog 1; helix-loop-helix protein mATH-1;
Entrez Gene ID	<a href="#">11921</a>
Protein Refseq	<a href="#">NP_031526.1</a>
UniProt ID	<a href="#">P48985</a>
Function	DNA binding; chromatin DNA binding; protein binding; protein dimerization activity