

# Product Datasheet

## ATOH7 Antibody NBP1-06023

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-06023****ATOH7 Antibody****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	220202
<b>Gene Symbol</b>	ATOH7
<b>Species</b>	Human, Rat
<b>Immunogen</b>	Peptide with sequence CEQRGRDHPYLP corresponding to internal region according to Uniprot Mouse NP_058560.1.
<b>Notes</b>	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at <a href="mailto:innovators@novusbio.com">innovators@novusbio.com</a> for more details.

**Product Application Details**

<b>Applications</b>	Peptide ELISA
<b>Recommended Dilutions</b>	Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Preliminary experiments gave bands at approx. 50 kDa band and 38 kDa band in mouse eye and rat Optical Nerve lysates after 0.3 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 16.9 kDa band according to NP_058560.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

**Publications**

Brown NL, Dagenais SL, Chen CM, Glaser T. Molecular characterization and mapping of ATOH7, a human atonal homolog with a predicted role in retinal ganglion cell development. Mamm Genome 2002-02-01 [PMID: 11889557]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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