

Datasheet for ABIN2775072
anti-ATOH7 antibody (C-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	ATOH7
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATOH7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ATOH7
Sequence:	FGSERDWVGL HCEHFGRDHY LPFPGAKLPG ESELYSQRLF GFQPEPFQMA
Predicted Reactivity:	Cow: 77%, Dog: 85%, Human: 100%, Pig: 86%
Characteristics:	This is a rabbit polyclonal antibody against ATOH7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ATOH7
Alternative Name:	ATOH7 (ATOH7 Products)

Target Details

Background:	ATOH7 is a transcription factor involved in the differentiation of retinal ganglion cells. 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]. Alias Symbols: Math5, bHLHa13 Protein Size: 152
Molecular Weight:	17 kDa
Gene ID:	220202
NCBI Accession:	NM_145178 , NP_660161
UniProt:	Q8N100

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 152 AA
Restrictions:	For Research Use only

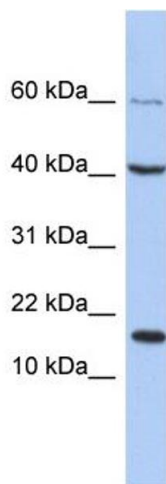
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Small, Seman, Castator, Brown, Liggett: "False positive non-synonymous polymorphisms of G-protein coupled receptor genes." in: **FEBS letters**, Vol. 516, Issue 1-3, pp. 253-6, (2002) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ATOH7 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate