Rabbit ATOH1 Polyclonal Antibody | anti-ATOH1 antibody

ATOH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23406	**Rabbit**	**Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

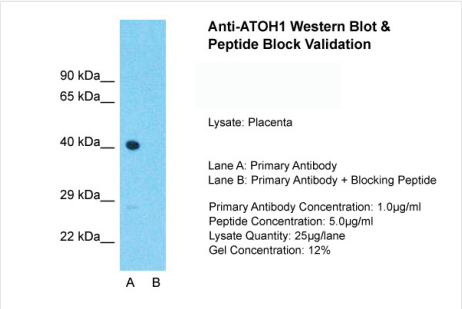
ATOH1; Polyclonal Antibody; ATOH1 antibody - middle region; anti-ATOH1 antibody

PRODUCT SPECIFICATIONS

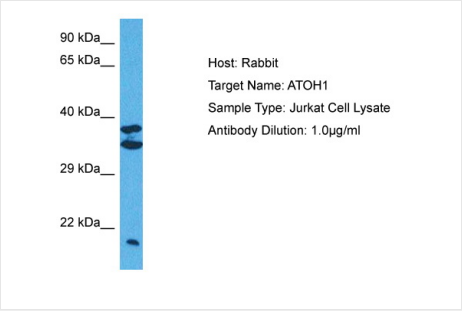
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:QL DALHFSTFED SALTAMMAQK NLSPSLPGSI LQPVQEENSK TSPRSHRS
Sequence Length	354
Applicable Applications for anti-ATOH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 92%; Dog: 85%; Horse: 85%; Human: 100%; Mouse: 92%; Pig: 92%; Rabbit: 83%; Rat: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATOH1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

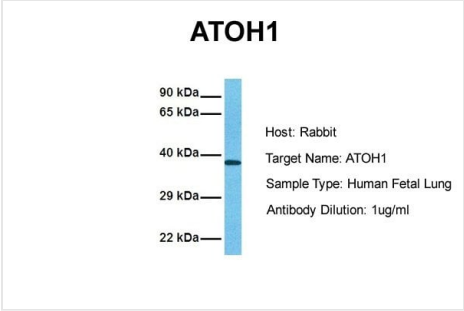
WB (Western Blot)
WB Suggested Anti-ATOH1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: Human Placenta



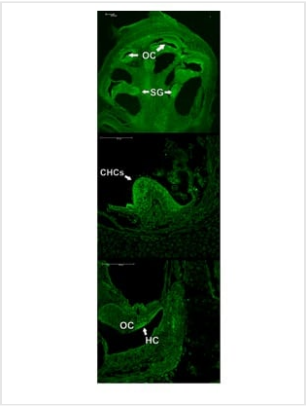
WB (Western Blot)
Host: RabbitTarget Name: ATOH1Sample Type: PlacentaLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 1ug/mlPeptide Concentration: 5ug/mlLysate Quantity: 25ug/laneGel Concentration: 0.12%



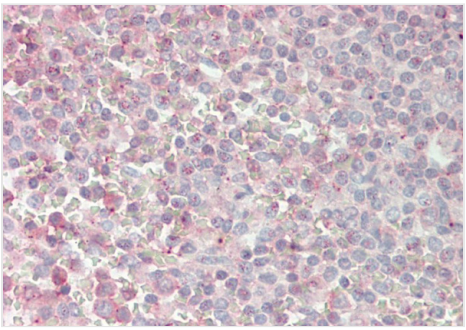
WB (Western Blot)
Host: RabbitTarget Name: ATOH1Sample Tissue: Human Jurkat Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)
Host: RabbitTarget Name: ATOH1Sample Tissue: Human Fetal LungAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
mouse cochlea



IHC (Immunohistochemistry)
Immunohistochemistry with Spleen cell lysate tissue

ADDITIONAL INFORMATION

Related Product Information for anti-ATOH1 antibody	This is a rabbit polyclonal antibody against ATOH1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ATOH1 belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47.This protein belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-ATOH1 antibody	Polyclonal; Transcription Factor; Neurobiology; Transcription Regulation; Transcription Regulation; Neuroscience ; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885075
NCBI GeneID	474
NCBI Accession #	NP_005163
NCBI GenBank Nucleotide #	NM_005172
UniProt Accession #	Q92858
Molecular Weight	38kDa
NCBI Official Full Name	protein atonal homolog 1
NCBI Official Synonym Full Names	atonal bHLH transcription factor 1
NCBI Official Symbol	ATOH1

NCBI Official Synonym Symbols	ATH1; HATH1; MATH-1; bHLHa14
NCBI Protein Information	protein atonal homolog 1
UniProt Protein Name	Protein atonal homolog 1
UniProt Gene Name	**ATOH1**
UniProt Synonym Gene Names	ATH1; BHLHA14; bHLHa14; hATH1
UniProt Entry Name	ATOH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/atoh1-antibody-immunohistochemistry-western-blot-elisa/23406