

Rabbit anti-Human, Mouse ATOH1 Polyclonal Antibody | anti-ATOH1 antibody

ATOH1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280108	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

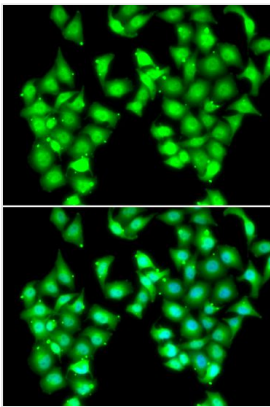
PRODUCT SYNONYMS

ATOH1; Polyclonal Antibody; ATOH1 Polyclonal Antibody; ATH1; HATH1; MATH-1; bHLHa14; anti-ATOH1 antibody

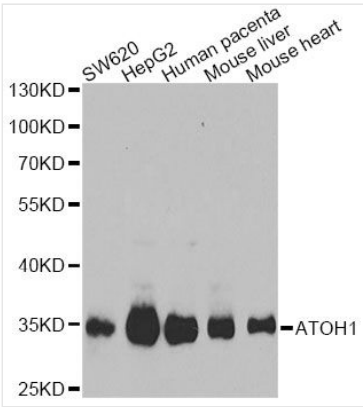
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-ATOH1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ATOH1
Calculated Molecular Weight	38kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using ATOH1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ATOH1 Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATOH1 antibody	This protein belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47.
Product Categories/Family for anti-ATOH1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3913115
NCBI GeneID	474
UniProt Accession #	Q92858; Q14CT9
Molecular Weight	354
NCBI Official Full Name	Protein atonal homolog 1
NCBI Official Synonym Full Names	atonal homolog 1 (Drosophila)
NCBI Official Symbol	ATOH1
NCBI Official Synonym Symbols	ATH1; HATH1; MATH-1; bHLHa14
NCBI Protein Information	protein atonal homolog 1; helix-loop-helix protein hATH-1; class A basic helix-loop-helix protein 14
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.