

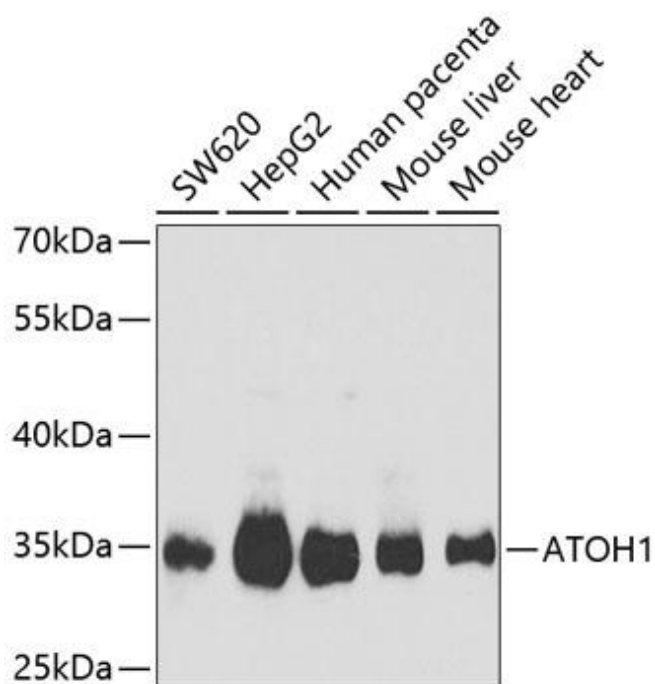


# ATOH1 Mouse mAb

<b>Catalog No</b>	YP-mAb-18872
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB
<b>Gene Name</b>	
<b>Protein Name</b>	
<b>Immunogen</b>	Recombinant protein (or fragment).This information is considered to be commercially sensitive.
<b>Specificity</b>	
<b>Formulation</b>	
<b>Source</b>	Monoclonal,Mouse,IgG
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	ATH1; HATH1; DFNA89; MATH-1; bHLHa14; ATOH1
<b>Observed Band</b>	35kDa
<b>Calculated Molecular Weight</b>	38kDa
<b>Cell Pathway</b>	
<b>Tissue Specificity</b>	
<b>Function</b>	
<b>Background</b>	Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in neuron differentiation; positive regulation of neuron differentiation; and regulation of transcription by RNA polymerase II. Predicted to act upstream of or within several processes, including generation of neurons; inner ear morphogenesis; and positive regulation of inner ear auditory receptor cell differentiation. Predicted to be part of chromatin. Predicted to be active in nucleus.
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of various lysates using ATOH1 Mouse pAb (A6530) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.