

## Anti-ASCL1 Antibody Picoband® HRP Conjugated

Catalog Number: A03023-2-HRP

### About ASCL1

Achaete-scute homolog 1 is a protein that in humans is encoded by the ASCL1 gene. This gene encodes a member of the basic helix-loop-helix (BHLH) family of transcription factors. The protein activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with other BHLH proteins is required for efficient DNA binding. This protein plays a role in the neuronal commitment and differentiation and in the generation of olfactory and autonomic neurons. Mutations in this gene may contribute to the congenital central hypoventilation syndrome (CCHS) phenotype in rare cases.

### Overview

Product Name	Anti-ASCL1 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P50553

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ASCL1, identical to the related mouse and rat sequences.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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Anti-ASCL1 Antibody - HRP

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