



Datasheet for ABIN1881074

anti-ASCL1 antibody (N-Term)



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Overview

Quantity:	400 µL
Target:	ASCL1
Binding Specificity:	AA 63-90, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASCL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ASCL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-90 amino acids from the N-terminal region of human ASCL1.
Clone:	RB41522
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ASCL1
Alternative Name:	ASCL1 (ASCL1 Products)
Background:	This gene encodes a member of the basic helix-loop-helix (BHLH) family of transcription

Target Details

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.

Molecular Weight: 25454

NCBI Accession: [NP_004307](#)

UniProt: [P50553](#)

Pathways: [Dopaminergic Neurogenesis](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

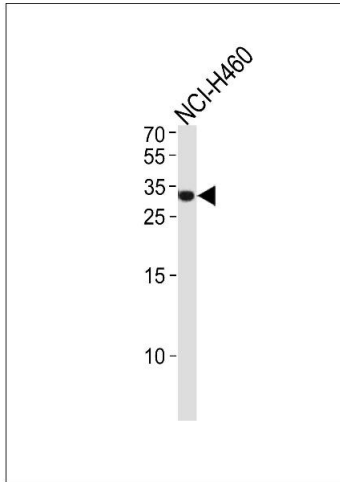
Storage: 4 °C,-20 °C

Expiry Date: 6 months

Publications

Product cited in: Oppermann, Gnad, Olsen, Hornberger, Greff, Kéri, Mann, Daub: "Large-scale proteomics analysis of the human kinome." in: **Molecular & cellular proteomics : MCP**, Vol. 8, Issue 7, pp. 1751-64, (2009) ([PubMed](#)).

Deloukas, Matthews, Ashurst, Burton, Gilbert, Jones, Stavrides, Almeida, Babbage, Bagguley, Bailey, Barlow, Bates, Beard, Beare, Beasley, Bird, Blakey, Bridgeman, Brown, Buck, Burrill, Butler, Carder et al.: "The DNA sequence and comparative analysis of human chromosome 20. ..." in:



Western Blotting

Image 1. ASCL1 Antibody (N-term) (ABIN1881074 and ABIN2838747) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the ASCL1 antibody detected the ASCL1 protein (arrow).