

Datasheet for ABIN738473

anti-ASCL1 antibody (AA 151-236) (Biotin)



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Overview

Quantity:	100 µL
Target:	ASCL1
Binding Specificity:	AA 151-236
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASCL1 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ASCL1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep
Purification:	Purified by Protein A.

Target Details

Target:	ASCL1
Alternative Name:	ASCL1 (ASCL1 Products)

Target Details

Background:	<p>Synonyms: ASH1, HASH1, MASH1, bHLHa46, Achaete-scute homolog 1, ASH-1, Class A basic helix-loop-helix protein 46, ASCL1</p> <p>Background: Transcription factor that controls transcriptional expression of its target genes by binding to the E box (5'-CANNTG-3'). Plays a role at early stages of development of specific neural lineages in most regions of the CNS, and of several lineages in the PNS. Acts synergistically with FOXN4 to specify the identity of V2b neurons rather than V2a from bipotential p2 progenitors during spinal cord neurogenesis, probably through DLL4-NOTCH signaling activation. Essential for the generation of olfactory and autonomic neurons (By similarity).</p>
Gene ID:	429
UniProt:	P50553
Pathways:	Dopaminergic Neurogenesis

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months