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Datasheet for ABIN738471 anti-ASCL1 antibody (AA 151-236)

2 Images

2 Publications



Overview

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

Product Details

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

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Target Details	
Alternative Name:	ASCL1 (ASCL1 Products)
Background:	Synonyms: ASH1, HASH1, MASH1, bHLHa46, Achaete-scute homolog 1, ASH-1, Class A basic helix-loop-helix protein 46, ASCL1 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).
Gene ID:	429
UniProt:	P50553
Pathways:	Dopaminergic Neurogenesis

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

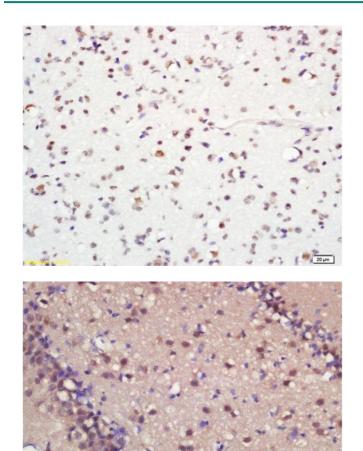
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling	
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Misra, Luo, Li, Matise, Xiang: "Asymmetric activation of DII4-Notch signaling by Foxn4 and
	proneural factors activates BMP/TGF β signaling to specify V2b interneurons in the spinal cord."
	in: Development (Cambridge, England), Vol. 141, Issue 1, pp. 187-98, (2014) (PubMed).

Images

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Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human glioma labeled with Anti-MASH1/ASCL1 Polyclonal Antibody, Unconjugated (ABIN738471) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-MASH1 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

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