

ARG42092 anti-ASCL3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ASCL3
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ASCL3
Species	Mouse
Immunogen	Synthetic peptide around the internal region of Mouse Ascl3. (C-HLPEDYLEKRLSK) (NP_064435.1)
Conjugation	Un-conjugated
Alternate Names	HASH3; SGN1; Achaete-scute homolog 3; bHLH transcriptional regulator Sgn-1; hASH3; ASH-3; bHLHa42; Class A basic helix-loop-helix protein 42

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	
Observed Size	~ 22 kDa	

Properties

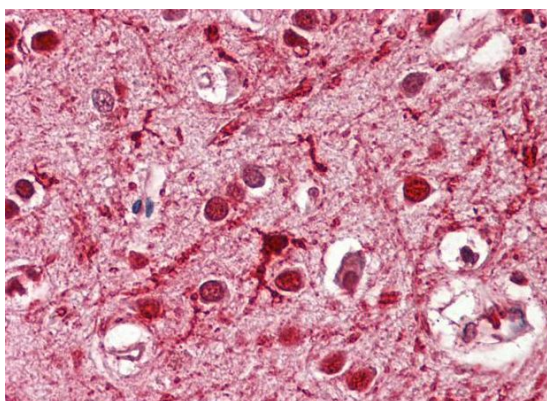
Form	Liquid
Purification	Ammonium sulphate precipitation followed by affinity purification with immunogen.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

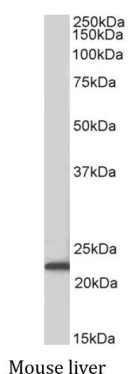
Gene Symbol	ASCL3
Gene Full Name	achaete-scute family bHLH transcription factor 3
Background	Basic helix-loop-helix transcription factors, such as ASCL3, are essential for the determination of cell fate and the development and differentiation of numerous tissues (Jonsson et al., 2004 [PubMed 15475265]).[supplied by OMIM, Mar 2008]
Function	Transcriptional repressor. Inhibits myogenesis (By similarity). [UniProt]
Calculated Mw	20 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG42092 anti-ASCL3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG42092 anti-ASCL3 antibody at 3.75 µg/ml dilution.



ARG42092 anti-ASCL3 antibody WB image

Western blot: 35 µg of Mouse liver lysate (in RIPA buffer) stained with ARG42092 anti-ASCL3 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.