

Rabbit ASCL1 Polyclonal Antibody | anti-ASCL1 antibody

ASCL1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197156	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

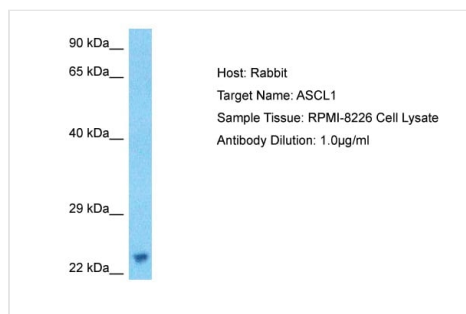
PRODUCT SYNONYMS

ASCL1; Polyclonal Antibody; ASCL1 Antibody - N-terminal region; anti-ASCL1 antibody

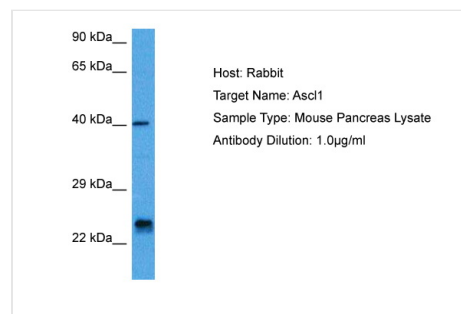
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QA PQLRPAADGQ PSGGGHKSAP KQVKRQRSSS PELMRCKRRL NFSGFGYS
Sequence Length	236
Applicable Applications for anti-ASCL1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ASCL1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: ASCL1 Sample Type: RPMI-8226 Whole Cell lysates Antibody Dilution: 1.0 µg/ml


WB (Western Blot)

Host: Mouse Target Name: ASCL1 Sample Tissue: Mouse Pancreas Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ASCL1 antibody	This is a rabbit polyclonal antibody against ASCL1. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-ASCL1 antibody	Polyclonal; Transcription Factor; Neurobiology; Transcription Regulation; Cell Biology; Neuroscience; Signal Transduction; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743094
NCBI GeneID	429
NCBI Accession #	NP_004307
NCBI GenBank Nucleotide #	NM_004316.4
UniProt Accession #	P50553
Molecular Weight	25kDa
NCBI Official Full Name	achaete-scute homolog 1
NCBI Official Synonym Full Names	achaete-scute family bHLH transcription factor 1
NCBI Official Symbol	ASCL1
NCBI Official Synonym Symbols	ASH1; HASH1; MASH1; bHLHa46
NCBI Protein Information	achaete-scute homolog 1
UniProt Protein Name	Achaete-scute homolog 1
UniProt Gene Name	ASCL1
UniProt Synonym Gene Names	ASH1; BHLHA46ImportedManual assertion inferred from database entriesHGNC:738; HASH11 PublicationManual assertion based on opinion iniRef.1; bHLHa46ImportedManual assertion inferred from database entriesHGNC:738

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.