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# Datasheet for ABIN2781103 anti-ASCL3 antibody (C-Term)

Image



#### Overview

Quantity:	100 µL
Target:	ASCL3
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Cow, Dog, Rat, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASCL3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ASCL3
Sequence:	PEEYLEKRLS KVETLRAAIK YINYLQSLLY PDKAETKNNP GKVSSMIATT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ASCL3. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	ASCL3
Alternative Name:	ASCL3 (ASCL3 Products)

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### Target Details

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]).
	Alias Symbols: HASH3, SGN1, bHLHa42
	Protein Interaction Partner: Tcf3, Tcf4, Tcf12, ASCL3, APP, GTF2A1L, MYOD1,
	Protein Size: 181
Molecular Weight:	21 kDa
Gene ID:	56676
NCBI Accession:	NM_020646, NP_065697
UniProt:	Q9NQ33

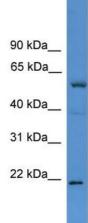
### Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 181 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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#### Western Blotting

**Image 1.** WB Suggested Anti-ASCL3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: MCF7 cell lysate

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