

Datasheet for ABIN2773903  
**anti-SEPN1 antibody (C-Term)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	SEPN1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Guinea Pig, Horse, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEPN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SEPN1
Sequence:	ANYFLDITSV KPEEIESNLF SFSSTFEDPS TATYMQFLKE GLRRGLPLLQ
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SEPN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SEPN1
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## Target Details

Alternative Name:	SEPN1 ( <a href="#">SEPN1 Products</a> )
Background:	<p>SEPN1 is a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. Mutations in SEPN1 gene cause the classical phenotype of multiminicore disease and congenital muscular dystrophy with spinal rigidity and restrictive respiratory syndrome. This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Mutations in this gene cause the classical phenotype of multiminicore disease and congenital muscular dystrophy with spinal rigidity and restrictive respiratory syndrome. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.</p> <p>Alias Symbols: FLJ24021, MDRS1, RSMD1, RSS, SELN, CFTD</p> <p>Protein Interaction Partner: ELAVL1, UBC,</p> <p>Protein Size: 590</p>
Molecular Weight:	62 kDa
Gene ID:	57190
NCBI Accession:	<a href="#">NM_020451</a> , <a href="#">NP_065184</a>
UniProt:	<a href="#">Q9NZV5</a>
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 590 AA
Restrictions:	For Research Use only

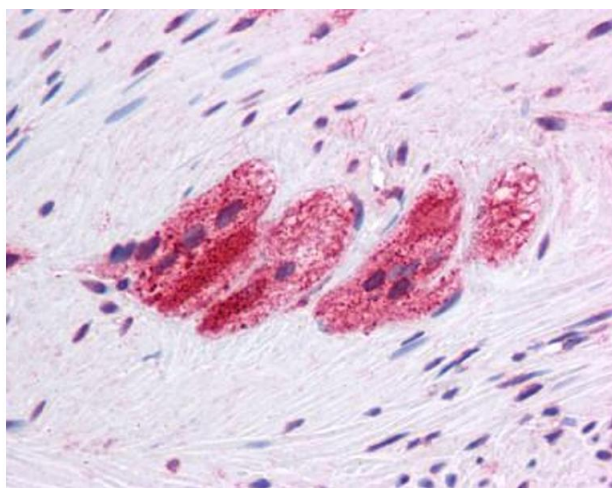
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

## Handling

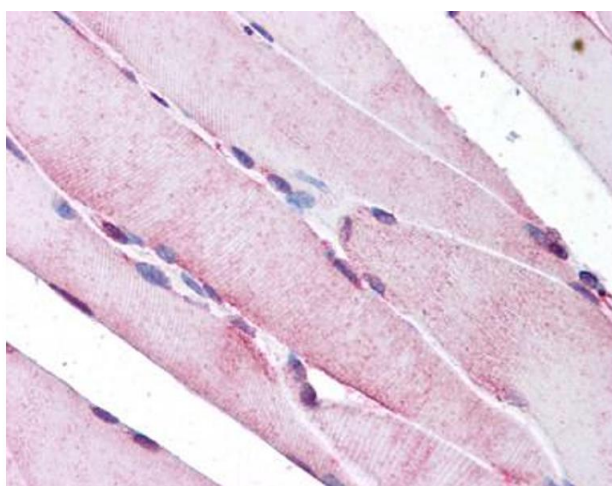
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



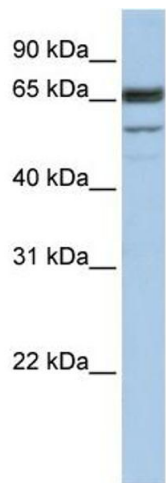
### Immunohistochemistry

**Image 1.**



### Immunohistochemistry

**Image 2.**



Western Blotting

**Image 3.** WB Suggested Anti-SEPN1 Antibody Titration: 1 ug/ml Positive Control: Hela cell lysate