

# Datasheet for ABIN2777326 anti-Advillin antibody (N-Term)

## 1 Image



#### Overview

Overview	
Quantity:	100 μL
Target:	Advillin (AVIL)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Advillin antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Sequence:	SGERLXXXXX XKAMLLAKDI RDREGGGRAE IGVIEGDKEA ASPELMTVLQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 93%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against Avil. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	Advillin (AVIL)
Alternative Name:	Avil (AVIL Products)
Background:	Avil is a Ca2+-regulated actin-binding protein. It may have a unique function in the

morphogenesis of neuronal cells which form ganglia. It is required for SREC1-mediated regulation of neurite-like outgrowth. It plays a role in regenerative sensory axon outgrowth and remodeling processes after peripheral injury in neonates. It is involved in the formation of long fine actin-containing filopodia-like structures in fibroblast and is required for SREC1-mediated regulation of neurite-like outgrowth. Avil plays a role in ciliogenesis.

Alias Symbols: -

Protein Size: 829

Molecular Weight: 91 kDa

Gene ID: 79253

NCBI Accession: NM\_024401, NP\_077377

UniProt: Q9WU06

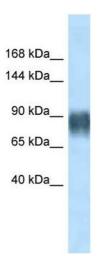
Pathways: Regulation of Actin Filament Polymerization

### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 829 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.



### **Western Blotting**

Image 1. WB Suggested Anti-Avil Antibody Titration: 1.0 ug/ml Positive Control: Rat Muscle