

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



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1 Image

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 Ca ²⁺ -regulated actin-binding protein. It may have a unique function in the

Target Details

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