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Datasheet for ABIN7265508  
**anti-Advillin antibody (AA 470-819)**

2 Images

Overview

Quantity:	100 µL
Target:	Advillin (AVIL)
Binding Specificity:	AA 470-819
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Advillin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	AVIL Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 470-819 of human AVIL (NP_006567.3).
Sequence:	AAVQVRVRMG TEPHFMAIF KGKLVIFEGG TSRKGNAEPD PPVRLFQIHG NDKSNTKAVE VPAFASSLNS NDVLLRTQA EHYLWYGKGS SGDERAMAKE LASLLCDGSE NTVAEGQEPA EFWDLGGKT PYANDKRLQQ EILDVQSRLF ECSNKTGQFV VTEITDFTQD DLNPTDVMML DTWDQVFLWI GAEANATEKE SALATAQQYL HTHPSGRDPD TPILIKQGF EPIFTGWFL AWDPNIWSAG KTYEQLKEEL GDAAIMRIT ADMKNATLSL NSNDSEPKYY PIAVLLKNQN QELPEDVNPA KKENYLSEQD FVSVFGITRG QFAALPGWKQ LQMKKEKGLF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

## Product Details

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Characteristics: Polyclonal Antibodies

Purification: Affinity purification

## Target Details

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Target: Advillin (AVIL)

Alternative Name: AVIL ([AVIL Products](#))

Background: The protein encoded by this gene is a member of the gelsolin/villin family of actin regulatory proteins. This protein has structural similarity to villin. It binds actin and may play a role in the development of neuronal cells that form ganglia.,AVIL,ADVIL,DOC6,p92,advillin,Cell Biology & Developmental Biology,Neuroscience,AVIL

Molecular Weight: 91kDa/92kDa

Gene ID: 10677

UniProt: [O75366](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

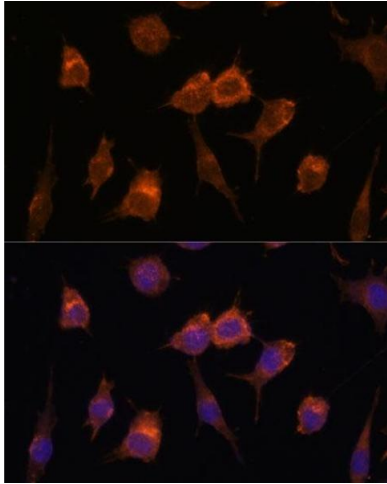
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

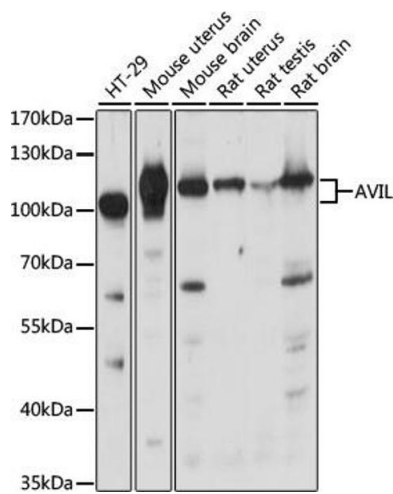
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of L929 cells using AVIL antibody (ABIN7265508) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using AVIL antibody (ABIN7265508) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.