

#### OriGene Technologies, Inc.

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# Product datasheet for AP10563PU-N

### **Avil Rabbit Polyclonal Antibody**

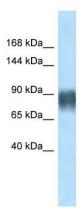
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blotting (0.2 - 1.0 µg/ml)
Reactivity:	Guinea Pig, Mouse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide directed towards the N-term region of rat AVIL
Formulation:	State: Aff - Purified State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Purification:	Purified using peptide immunoaffinity column
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	advillin
Database Link:	Entrez Gene 79253 Rat Q9WU06
Background:	AVIL 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 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.
Synonyms:	AVIL, p92



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## **Product images:**



Rat Muscle; WB Suggested Anti-Avil Antibody. Titration: 1.0 ug/ml. Positive Control: Rat Muscle; Avil antibody - N-terminal region (AP10563PU-N) in Rat Muscle cells using Western Blot

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