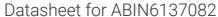
# antibodies - online.com







## anti-ARHGAP44 antibody (AA 666-772)



Image



#### Overview

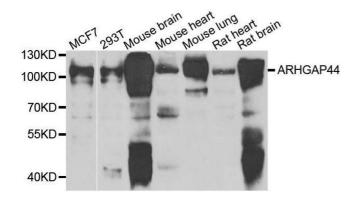
Purification:

Quantity:	100 μL
Target:	ARHGAP44
Binding Specificity:	AA 666-772
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP44 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Product Details Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 666-772 of human ARHGAP44 (NP_055674.4).
Immunogen:	human ARHGAP44 (NP_055674.4).  MADQSAGQPS PVSLSPTPPS TPSPYGLSYP QGYSLASGQL SPAAAPPLAS PSVFTSTLSK
Immunogen: Sequence:	human ARHGAP44 (NP_055674.4).  MADQSAGQPS PVSLSPTPPS TPSPYGLSYP QGYSLASGQL SPAAAPPLAS PSVFTSTLSK  SRPTPKPRQR PTLPPPQPPT VNLSASSPQS TEAPMLDGMS PGESMST

Affinity purification

### **Target Details**

Target:	ARHGAP44
Alternative Name:	ARHGAP44 (ARHGAP44 Products)
Background:	GTPase-activating protein (GAP that stimulates the GTPase activity of Rho-type GTPases.
	Thereby, controls Rho-type GTPases cycling between their active GTP-bound and inactive GDP-
	bound states. Acts as a GAP at least for CDC42 and RAC1. In neurons, is involved in dendritic
	spine formation and synaptic plasticity in a specific RAC1-GAP activity (By similarity. Limits the
	initiation of exploratory dendritic filopodia. Recruited to actin-patches that seed filopodia, binds
	specifically to plasma membrane sections that are deformed inward by acto-myosin mediated
	contractile forces. Acts through GAP activity on RAC1 to reduce actin polymerization necessary
	for filopodia formation (By similarity. In association with SHANK3, promotes GRIA1 exocytosis
	from recycling endosomes and spine morphological changes associated to long-term
	potentiation (By similarity.,ARHGAP44,NPC-A-10,RICH2,Signal Transduction,G protein
	signaling,Signal Transduction,ARHGAP44
Molecular Weight:	83 kDa/88 kDa/89 kDa
Gene ID:	9912
UniProt:	Q17R89
Application Details	
Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only
Handling	
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.



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines, using ARHGAP44 antibody.