

For Research Use Only

# ARHGEF9-Specific Polyclonal antibody



Catalog Number: 20042-1-AP

1 Publications

## Basic Information

<b>Catalog Number:</b> 20042-1-AP	<b>GenBank Accession Number:</b> NM_015185	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23229	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> Cdc42 guanine nucleotide exchange factor (GEF) 9	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 61 kDa	
	<b>Observed MW:</b> 56 kDa, 61 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, HeLa cells, human brain tissue, rat brain tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> mouse	

## Background Information

ARHGEF9, also named as KIAA0424, acts as guanine nucleotide exchange factor (GEF) for CDC42. ARHGEF9 promotes formation of GPHN clusters. This antibody is specific to ARHGEF9.

## Notable Publications

Author	Pubmed ID	Journal	Application
Rui Mao	36633502	Synapse	WB

## Storage

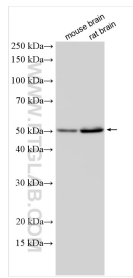
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20042-1-AP (ARHGEF9-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.