

Datasheet for ABIN389168
anti-Arhgef9 antibody (AA 274-303)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	Arhgef9
Binding Specificity:	AA 274-303
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arhgef9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Arhgef9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 274-303 amino acids from the Central region of human Arhgef9.
Clone:	RB9122
Isotype:	Ig Fraction
Predicted Reactivity:	H, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Arhgef9
Alternative Name:	Arhgef9 (Arhgef9 Products)

Target Details

Background:	ARHGEF9 belongs to a family of Rho-like GTPases that act as molecular switches by cycling from the active GTP-bound state to the inactive GDP-bound state. These proteins are key regulators of the actin cytoskeleton and are involved in cell signaling.
Gene ID:	66013
NCBI Accession:	NP_076447
UniProt:	Q9QX73
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

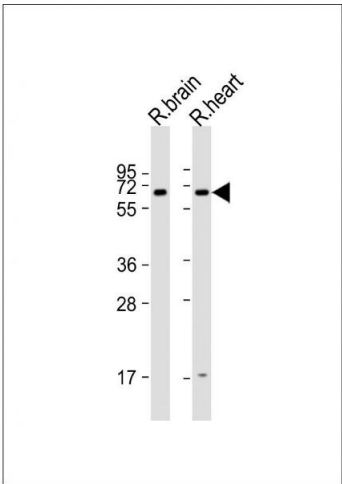
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with Arhgef9 Antibody (Center) (ABIN389168 and ABIN2839334) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. All lanes : Anti-Collybistin(Arhgef9) (Center) at 1:1000 dilution Lane 1: rat brain lysate Lane 2: rat heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.