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Datasheet for ABIN6242820

anti-ARHGEF7 antibody (AA 654-688)



Image



Go to Product page

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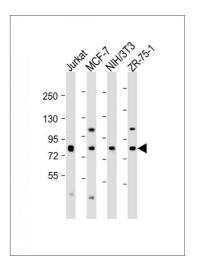
OVCIVICVV	
Quantity:	200 μL
Target:	ARHGEF7
Binding Specificity:	AA 654-688
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF7 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This ARHGEF7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 654-688 amino acids from human ARHGEF7.
Clone:	RB56222
Isotype:	lg Fraction
Predicted Reactivity:	М
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	ARHGEF7
Alternative Name:	ARHGEF7 (ARHGEF7 Products)

Target Details

Expiry Date:

6 months

- Target Details	
Background:	Acts as a RAC1 guanine nucleotide exchange factor (GEF) and can induce membrane ruffling. Functions in cell migration, attachment and cell spreading. Promotes targeting of RAC1 to focal adhesions (By similarity). May function as a positive regulator of apoptosis. Downstream of NMDA receptors and CaMKK-CaMK1 signaling cascade, promotes the formation of spines and synapses in hippocampal neurons.
Molecular Weight:	90012
UniProt:	Q14155
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, EGFR Downregulation
Application Details	
Application Notes:	WB: 1:2000
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



Western Blotting

Image 1. All lanes: Anti-ARHGEF7 Antibody (C-Term) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: NIH/3T3 whole cell lysate Lane 4: ZR-75-1 whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit lgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 90 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.