

Datasheet for ABIN7118495 **anti-ARHGEF7 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ARHGEF7
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Rho guanine nucleotide exchange factor(GEF) 7
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ARHGEF7
Alternative Name:	ARHGEF7 (ARHGEF7 Products)
Background:	Synonyms:COOL1, KIAA0142, P85SPR, PAK3BP, PIXB 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

Target Details

	and CaMKK-CaMK1 signaling cascade, promotes the formation of spines and synapses in hippocampal neurons.
Molecular Weight:	70 kDa
Gene ID:	8874
UniProt:	Q14155
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , EGFR Downregulation

Application Details

Application Notes:	WB: 1:1000-1:4000, IP: 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months