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## Datasheet for ABIN7118494 **anti-ARHGEF5 antibody**

### Overview

Quantity:	100 µg
Target:	ARHGEF5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	Rho guanine nucleotide exchange factor(GEF) 5
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	ARHGEF5
Alternative Name:	ARHGEF5 ( <a href="#">ARHGEF5 Products</a> )
Background:	Synonyms:TIM Background:Guanine nucleotide exchange factor which activates Rho GTPases(PubMed:15601624). Strongly activates RHOA(PubMed:15601624). Also strongly activates RHOB, weakly activates RHOC and RHOG and shows no effect on RHOD, RHOV, RHOQ or RAC1(By similarity). Involved in regulation of cell shape and actin cytoskeletal

## Target Details

organization(PubMed:15601624). Plays a role in actin organization by generating a loss of actin stress fibers and the formation of membrane ruffles and filopodia(PubMed:14662653). Required for SRC-induced podosome formation(By similarity). Involved in positive regulation of immature dendritic cell migration(By similarity).

Molecular Weight: 60 kDa

Gene ID: 7984

UniProt: [Q12774](#)

## Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200

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