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Datasheet for ABIN7118488  
**anti-ARHGEF1 antibody**

### Overview

Quantity:	100 µg
Target:	ARHGEF1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	Rho guanine nucleotide exchange factor(GEF) 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	ARHGEF1
Alternative Name:	ARHGEF1 ( <a href="#">ARHGEF1 Products</a> )
Background:	Synonyms:ARHGEF1, GEF1, LBCL2, LSC, P115 RHOGEF, p115RhoGEF, SUB1.5 Background:Seems to play a role in the regulation of RhoA GTPase by guanine nucleotide-binding alpha-12(GNA12) and alpha-13(GNA13) subunits. Acts as GTPase-activating protein(GAP) for GNA12 and GNA13, and as guanine nucleotide exchange factor(GEF) for RhoA

## Target Details

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GTPase. Activated G alpha 13/GNA13 stimulates the RhoGEF activity through interaction with the RGS-like domain. This GEF activity is inhibited by binding to activated GNA12. Mediates angiotensin-2-induced RhoA activation.

Molecular Weight: 102-110 kDa

Gene ID: 9138

UniProt: [Q92888](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Thromboxane A2 Receptor Signaling](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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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