

ARHGAP29 Rabbit pAb

CatalogNo: YN7129

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 139kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human ARHGAP29

Specificity This antibody detects endogenous levels of ARHGAP29 at Human, Mouse, Rat

| Target Information

Gene name ARHGAP29 PARG1

Protein Name	Rho GTPase-activating protein 29 (PTPL1-associated RhoGAP protein 1) (Rho-type GTPase-activating protein 29)		
	Organism	Gene ID	UniProt ID
	Human	9411 ;	Q52LW3 ;
	Mouse	214137 ;	Q8CGF1 ;
	Rat	310833 ;	Q5PQJ5 ;
Tissue specificity	Widely expressed. Highly expressed in skeletal muscle and heart. Expressed at intermediate level in placenta, liver and pancreas. Weakly expressed in brain, lung and kidney.		
Function	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Has strong activity toward RHOA, and weaker activity toward RAC1 and CDC42. May act as a specific effector of RAP2A to regulate Rho. In concert with RASIP1, suppresses RhoA signaling and dampens ROCK and MYH9 activities in endothelial cells and plays an essential role in blood vessel tubulogenesis.		

| Validation Data

| Contact information

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