

For Research Use Only

ARHGEF16 Polyclonal ANTIBODY



Catalog Number: 10153-2-AP **1 Publications**

Basic Information

Catalog Number: 10153-2-AP	GenBank Accession Number: BC002681	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27237	
Source: Rabbit	Full Name: Rho guanine exchange factor (GEF) 16	
Isotype: IgG	Calculated MW: 80 kDa	
Immunogen Catalog Number: AG0205	Observed MW: 80 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
IP, WB

Species Specificity:
human, mouse

Cited Species:
human

Background Information

Small GTPases of the Rho family are critical regulators of various cellular functions including actin cytoskeleton organization, activation of kinase cascades, mitogenesis, transcriptional activation and stimulation of DNA synthesis. Rho proteins cycle between a biologically active GTP-bound state and an inactive GDP-bound state. Rho guanine nucleotide exchange factor (GEF) has a crucial role in activating small GTPase by exchange GDP for GTP. ARGEF16 is one of the multiple GEF members. Although the specific function of this protein is not known yet, it is thought to be involved in protein-protein and protein-lipid interactions.

Notable Publications

Author	Pubmed ID	Journal	Application
Juyeon Lee	25063526	Biochim Biophys Acta	IP,WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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Selected Validation Data