

For Research Use Only

# BORG5/CDC42EP1 Polyclonal antibody



Catalog Number: 27904-1-AP

## Basic Information

<b>Catalog Number:</b> 27904-1-AP	<b>GenBank Accession Number:</b> BC009356	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 11135	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q00587	
<b>Isotype:</b> IgG	<b>Full Name:</b> CDC42 effector protein (Rho GTPase binding) 1	
<b>Immunogen Catalog Number:</b> AG27396	<b>Calculated MW:</b> 40 kDa	
	<b>Observed MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293T cells, K-562 cells, HUVEC cells
<b>Species Specificity:</b> Human	

## Background Information

CDC42EP1, also known as BORG5, is a CDC42 binding protein that mediates actin cytoskeleton reorganization at the plasma membrane. This protein is secreted and is primarily found in bone marrow. BORG5 was discovered as a 55 kDa protein, but the accepted reference protein is only 40.3 kDa.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% 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:

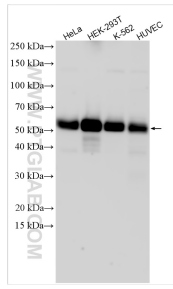
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27904-1-AP (BORG5/CDC42EP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.