

For Research Use Only

# BORG5/CDC42EP1 Polyclonal antibody

Catalog Number: 27904-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

27904-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG27396

### GenBank Accession Number:

BC009356

### GeneID (NCBI):

11135

### UNIPROT ID:

Q00587

### Full Name:

CDC42 effector protein (Rho GTPase binding) 1

### Calculated MW:

40 kDa

### Observed MW:

55 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human

### Cited Species:

human, canine

### Positive Controls:

WB : HeLa cells, HEK-293T cells, K-562 cells, HUVEC cells

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
David Cohen	39503295	J Cell Sci	WB,IF

## 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

\*\*\* 20ul sizes contain 0.1% BSA

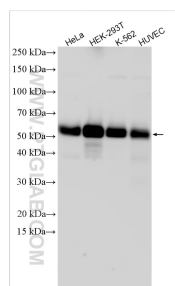
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## Selected Validation Data



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.