

For Research Use Only

# Toca 1 Polyclonal antibody

Catalog Number: 55055-1-AP



## Basic Information

### Catalog Number:

55055-1-AP

### Size:

150ul , Concentration: 400 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_017737

### GeneID (NCBI):

54874

### UNIPROT ID:

Q5TON5

### Full Name:

formin binding protein 1-like

### Calculated MW:

70 kDa

### Observed MW:

63-75 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : mouse brain tissue,

## Background Information

Toca-1, also named as FBNP1L or C1orf39, belongs to the FBNP1 family. It is required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. Toca-1 may bind to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promote membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by activating the WASL/N-WASP-WASPIP/WIP complex, the predominant form of WASL/N-WASP in cells. The antibody is specific to Toca-1.

## Storage

### Storage:

Store at -20°C.

### 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

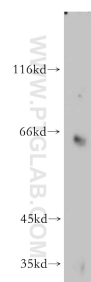
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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 55055-1-AP (Toca 1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.