

For Research Use Only

# Phospho-VASP (Ser157) Recombinant monoclonal antibody

Catalog Number:87168-2-RR



## Basic Information

Catalog Number:

87168-2-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC038224

GeneID (NCBI):

7408

UNIPROT ID:

P50552

Full Name:

vasodilator-stimulated phosphoprotein

Calculated MW:

380 aa, 40 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

252276B10

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Forskolin treated NIH/3T3 cells,

## Background Information

VASP belongs to the Ena/VASP family. Phospho-VASP (Ser157) is an important post-translational modification of the vasodilator-stimulated phosphoprotein (VASP). Phosphorylation at Serine 157 (Ser157) is catalyzed by protein kinase C (PKC) and Rho kinase in response to thrombin or phorbol ester stimulation in human platelets. This modification negatively regulates platelet adhesion and secretion, and serves as a key signaling event in modulating cytoskeletal dynamics and cell motility. (PMID: 16197368)

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

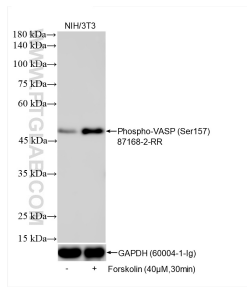
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## Selected Validation Data



Non-treated NIH/3T3 cells and Forskolin treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 87168-2-RR (Phospho-VASP(Ser157) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control.