

For Research Use Only

Phospho-SH3PXD2B (Ser291) Recombinant antibody

Catalog Number: 84563-1-RR



Basic Information

Catalog Number:

84563-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001017995

GeneID (NCBI):

285590

UNIPROT ID:

A1X283

Full Name:

SH3 and PX domains 2B

Calculated MW:

911aa, 102 kDa

Observed MW:

120 kDa

Purification Method:

Protein A purification

CloneNo.:

241064C5

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, λ phosphatase treated HeLa cells

Background Information

SH3 and PX domains 2B (SH3PXD2B) is also known as tyrosine kinase substrate with four SH3 domains (Tks4). It consists of the N-terminal phox homology domain, four Sr homology 3 domains, several proline-rich regions, and Src phosphorylation sites. Previous studies have shown that SH3PXD2B is an essential invadopodium scaffold protein and can stimulate actin polymerization, recruit membrane type-1 matrix metalloproteinase (MT1-MMP) to intracellular membranes, and increase Nox1-dependent reactive oxygen species (ROS) production. (PMID: 33906640)

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:

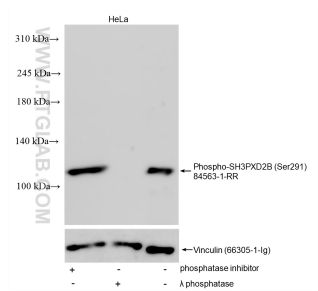
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Non-treated HeLa cells, phosphatase inhibitor treated HeLa cells and λ phosphatase treated HeLa cells were subjected to SDS PAGE followed by western blot with 84563-1-RR (Phospho-SH3PXD2B (Ser291) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Vinculin (66305-1-Ig) antibody as a loading control.