

For Research Use Only

# Arp5/ACTR5 Monoclonal antibody, PBS Only



Catalog Number: 67326-1-PBS

Featured Product

## Basic Information

Catalog Number:

67326-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG15976

GenBank Accession Number:

BC038402

GeneID (NCBI):

79913

UNIPROT ID:

Q9H9F9

Full Name:

ARP5 actin-related protein 5 homolog  
(yeast)

Calculated MW:

607 aa, 68 kDa

Observed MW:

68 kDa

Purification Method:

Protein G purification

CloneNo.:

1E11C1

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse, rat, pig

## Background Information

Arp5 is a member of nuclear actin-related proteins (ARPs) that function as components of the chromatin-remodeling complex. Recently, a study reported that Arp5 regulates smooth muscle cell differentiation through interaction with myocardin (Myocd). Arp5 has been identified as a negative regulator of Myocd, suppressing Myocd activity in the nucleus through tightly binding with Myocd RPEL motifs. Alternative splicing results in two variants of Arp5: a broadly expressed arp5-common, and a smooth muscle restricted arp5-sm. Expression of Arp5-sm protein is strongly suppressed in well-differentiated smooth muscle cells by partial messenger RNA decay and translational suppression. (24567363)

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

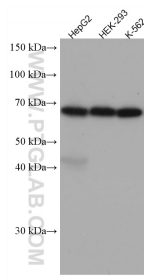
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

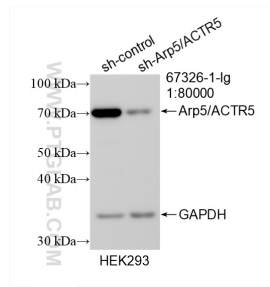
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67326-1-Ig (Arp5/ACTR5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67326-1-PBS in a different storage buffer formulation.



WB result of Arp5/ACTR5 antibody (67326-1-Ig; 1:80000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Arp5/ACTR5 transfected HEK-293 cells. This data was developed using the same antibody clone with 67326-1-PBS in a different storage buffer formulation.