

Nur für Forschungszwecke

# Arp5/ACTR5 Monoklonaler Antikörper

Katalog-Nr.:67326-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67326-1-Ig	<b>GenBank-Zugangsnummer:</b> BC038402	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 2100 µg/ml von79913 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 79913	<b>CloneNo.:</b> 1E11C1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> ARP5 actin-related protein 5 homolog (yeast)	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 607 aa, 68 kDa	
<b>Immunogen Katalognummer:</b> AG15976	<b>Beobachtete Masse:</b> 68 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b>
<b>Getestete Reaktivität:</b> Hausschwein, Human, Maus, Ratte	<b>WB :</b> HepG2-Zellen, C2C12-Zellen, Hausschwein-Skelettmuskelgewebe, HEK-293-Zellen, K-562-Zellen, Ratten-Skelettmuskelgewebe

## Hintergrundinformationen

Arp5 is a member of nuclear actin-related proteins (ARPs) that function as components of the chromatin-remodeling complex. Recently study reported that Arp5 regulates smooth muscle cell differentiation through interaction with myocardin (Myocd). Arp5 has been identified as 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)

## Lagerung

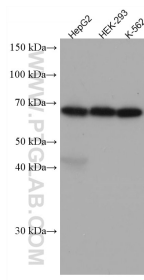
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

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



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.