

Nur für Forschungszwecke

# RAB8B Polyklonaler Antikörper

Katalog-Nr.: 55295-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 55295-1-AP	<b>GenBank-Zugangsnummer:</b> NM_016530	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 450 µg/ml von Nanodrop und 147 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 51762	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> RAB8B, member RAS oncogene family	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 24 kDa	
	<b>Beobachtete Masse:</b> 28 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: Mausehautgewebe, humanes Hirngewebe, Maus-Kolongewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

The Rab8 GTPase is a member of the Ras superfamily that functions in protein transport and membrane restructuring. RAB8 has two isoforms, RAB8A and RAB8B, that share 40% amino acid identity in the C-terminal variable region. RAB8 activity is regulated by specific guanine nucleotide exchange factors (GEFs), that mediate GTP loading, and GTPase activating proteins (GAPs) that convert them into the inactive GDP-bound form. RAB8 participates in recycling of the  $\alpha$ -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptors to the dendritic spine surface as well as in the intracellular transport of the metabotropic glutamate receptor type 1 in neuronal cells. Rab8 is activated at the base of the cilium by its guanine nucleotide exchanger Rabin8. The antibody 11792-1-AP can detect both RAB8A and RAB8B. 55295-1-AP is specific to RAB8B and 55296-1-AP is specific to RAB8A.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**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**

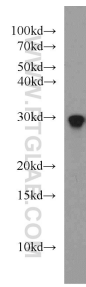
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## Ausgewählte Validierungsdaten



mouse skin tissue were subjected to SDS PAGE followed by western blot with 55295-1-AP (RAB8B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.