

# ARHGAP11B Rabbit pAb

货号: **AYP17747**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:100 - 1:500
理论分子量	30kDa
实测分子量	30kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y, U-251MG
细胞定位	cytosol, mitochondrial matrix
纯化	Affinity purification

## 抗原信息

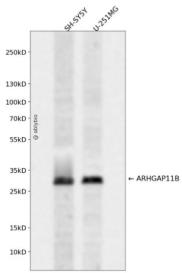
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 218-267 of human ARHGAP11B (NP_001034930.1).
序列	EKKGVYQTLQSWKRYQPCWVLMVSVLLHHWKALKKVNKLLVNIREREDNV

## 靶点信息

研究背景	Hominin-specific protein that promotes development and evolutionary expansion of the brain neocortex. Able to promote amplification of basal progenitors in the subventricular zone, producing more neurons during fetal corticogenesis, thereby playing a key role in neocortex expansion. Promotes the proliferation of basal progenitors by inhibiting the mitochondrial permeability transition pore (mPTP): delays the opening of the mPTP via interaction with ADP:ATP translocase, thereby increasing mitochondrial Ca <sup>2+</sup> concentration and inducing glutamine catabolism, which is required for basal progenitor proliferation. Does not possess GTPase activator activity: the absence of GTPase activator activity is required to promote amplification of basal progenitors during neocortex development.
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基因ID	89839
基因名	ARHGAP11B
Swiss	Q3KRB8
别名	ARHGAP11B;FAM7B1

## 产品验证



Western blot analysis of ARHGAP11B expressed in SH-SY5Y,U-251MG using ARHGAP11B Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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