

Product datasheet

Anti-RAB3GAP2 antibody ab110462

2 图像

概述

产品名称	Anti-RAB3GAP2抗体
描述	兔多克隆抗体to RAB3GAP2
宿主	Rabbit
特异性	ab110462 detects endogenous levels of total RAB3GAP2 protein.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide derived from an internal region of Human RAB3GAP2 (UniProt ID: Q9H2M9).
阳性对照	Human breast carcinoma tissue; extracts from COS cells

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 0.88% Sodium chloride, 50% Glycerol
纯度	Immunogen affinity purified
纯化说明	ab110462 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab110462** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

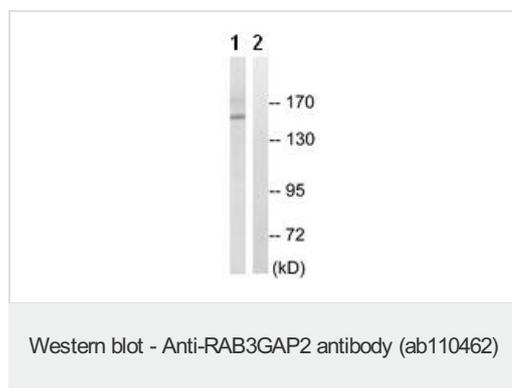
应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 155 kDa (predicted molecular weight: 156 kDa).
IHC-P		1/50 - 1/100. Antigen retrieval is heat-mediated, citrate buffer pH 6.0. A pressure cooker was used for about 5 minutes.

## 靶标

**相关性** RAB3GAP2 is a regulatory subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Rab3 GTPase-activating complex specifically converts active Rab3-GTP to the inactive form Rab3-GDP. It is required for normal eye and brain development and may participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters.

**细胞定位** Cytoplasmic. Note: In neurons, it is enriched in the synaptic soluble fraction.

## 图片



**All lanes :** Anti-RAB3GAP2 antibody (ab110462) at 1/500 dilution

**Lane 1 :** Extracts from COS cells

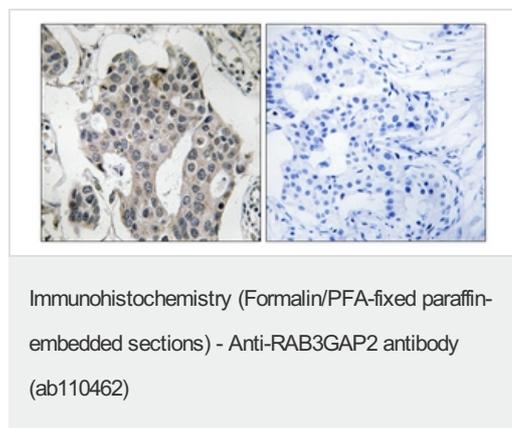
**Lane 2 :** Extracts from COS cells, treated with the synthesized peptide

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 156 kDa

**Observed band size:** 155 kDa

[why is the actual band size different from the predicted?](#)



ab110462, at a 1/50 dilution, staining RAB3GAP2 in paraffin embedded Human breast carcinoma tissue by Immunohistochemistry, in the absence (left image) or presence (right image) of the synthesized peptide.

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