

Product datasheet

Anti-RASSF1C antibody ab24419

2 References 1 图像

概述

<b>产品名称</b>	Anti-RASSF1C抗体
<b>描述</b>	小鼠多克隆抗体to RASSF1C
<b>宿主</b>	Mouse
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Rat 
<b>免疫原</b>	Fusion protein: EAPSFEMTWSSTTSSGYCSQEDSDSELEQYFTARTSLARRPRDQ , corresponding to amino acids 5/49 of Human RASSF1C <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>常规说明</b>	Produced from outbred CD1 mice

This antibody was raised by a genetic immunization technique. Genetic immunization can be used to generate antibodies by directly delivering antigen-coding DNA into the animal, rather than injecting a protein or peptide (Tang *et al.* [PubMed: 1545867](#); Chambers and Johnston [PubMed: 12910245](#); Barry and Johnston [PubMed: 9234514](#)). The animal's cells produce the protein, which stimulates the animal's immune system to produce antibodies against that particular protein. A vector coding for a partial fusion protein was used for genetic immunisation of a mouse and the resulting serum was tested in Western blot against an *E.coli* lysate containing that partial fusion protein. Genetic immunization offers enormous advantages over the traditional protein-based immunization method. DNA is faster, cheaper and easier to produce and can be produced by standard techniques readily amenable to automation. Furthermore, the antibodies generated by genetic immunization are usually of superior quality with regard to specificity, affinity and recognizing the native protein.

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>存储溶液</b>	Preservative: None Constituents: 50% Glycerol

纯度	Whole antiserum
Primary antibody说明	This antibody was raised by a genetic immunization technique. Genetic immunization can be used to generate antibodies by directly delivering antigen-coding DNA into the animal, rather than injecting a protein or peptide (Tang <i>et al.</i> PubMed: 1545867; Chambers and Johnston PubMed: 12910245; Barry and Johnston PubMed: 9234514). The animal's cells produce the protein, which stimulates the animal's immune system to produce antibodies against that particular protein. A vector coding for a partial fusion protein was used for genetic immunisation of a mouse and the resulting serum was tested in Western blot against an <i>E.coli</i> lysate containing that partial fusion protein. Genetic immunization offers enormous advantages over the traditional protein-based immunization method. DNA is faster, cheaper and easier to produce and can be produced by standard techniques readily amenable to automation. Furthermore, the antibodies generated by genetic immunization are usually of superior quality with regard to specificity, affinity and recognizing the native protein.
克隆	多克隆
同种型	IgG

## 应用

Our [Abpromise guarantee](#) covers the use of **ab24419** in the following tested applications.

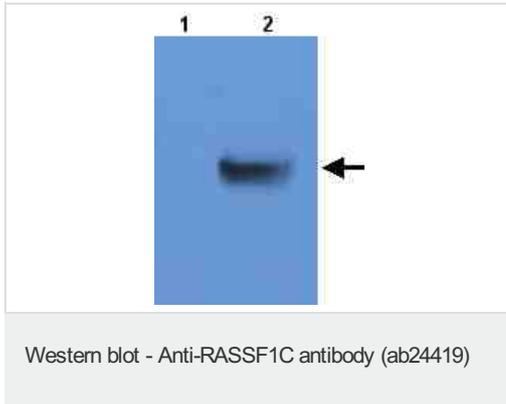
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明
WB		1/1000. Predicted molecular weight: 39 kDa. This antibody has been tested in Western blot against an <i>E.coli</i> lysate containing the partial recombinant fusion protein used as an immunogen. We have no data on detection of endogenous protein.

## 靶标

相关性	RASSF1C is a potential tumor suppressor. Isoform A interacts with CDC20, an activator of the anaphase-promoting complex, APC, resulting in the inhibition of APC activity and mitotic progression. It inhibits proliferation by negatively regulating cell cycle progression at the level of G1/S-phase transition by regulating accumulation of cyclin D1 protein. It inhibits the activation of STK3 and STK4 and may play an additional role as a scaffold protein, directing these enzymes to sites of activation. Isoform C has been shown not to perform these roles, no function has been identified for this isoform.
细胞定位	Nuclear

## 图片



**All lanes :** Anti-RASSF1C antibody  
(ab24419) at 1/1000 dilution

**Lane 1 :** Total protein extract from E. coli with  
~50ng to 100ng of a  
negative control fusion protein with an  
irrelevant antigen at 20 ug

**Lane 2 :** Total protein extract from E. coli with  
~50ng to 500ng of the  
antigen fusion protein at 20 ug

### Secondary

**All lanes :** Rabbit anti-mouse IgG + IgM,  
(H+L) horseradish peroxidase conjugated at  
1/5000 dilution

**Predicted band size:** 39 kDa

The molecular weight of the band on the western blot does not correspond to the predicted band size above (predicted from the molecular weight of the natural protein) because of the additional mass of the fusion and because the fusion protein only contains a partial fragment of the gene.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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