

Product datasheet

Anti-Spindly antibody ab76670

1 图像

概述

产品名称	Anti-Spindly抗体
描述	小鼠单克隆抗体to Spindly
宿主	Mouse
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Recombinant fragment 预测可用于: Human 
免疫原	Recombinant full length Human CCDC99 protein (AAH12568, 1 a.a. ~ 606 a.a) with tag.
阳性对照	Recombinant tagged full length human CCDC99.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: None Constituents: 1X PBS, pH 7.2
纯度	Protein A purified
克隆	单克隆
同种型	IgG2b
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab76670** 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
ELISA		
WB		

应用说明

ELISA: Use at an assay dependent dilution.

WB: Use at a concentration of 1 - 5 µg/ml. Predicted molecular weight: 70 kDa.

This antibody has only been tested in WB against the recombinant protein used as immunogen. We have no data on the detection of endogenous protein.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Required for the localization of dynein and dynactin to the mitotic kintochore. Dynein is believed to control the initial lateral interaction between the kinetochore and spindle microtubules and to facilitate the subsequent formation of end-on kinetochore-microtubule attachments mediated by the NDC80 complex. Also required for correct spindle orientation. Does not appear to be required for the removal of spindle assembly checkpoint (SAC) proteins from the kinetochore upon bipolar spindle attachment.

序列相似性

Belongs to the Spindly family.

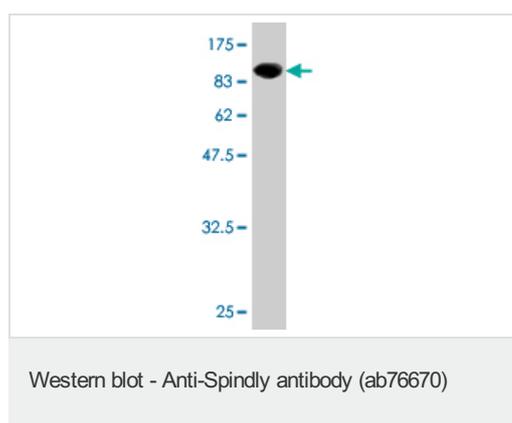
翻译后修饰

Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位

Cytoplasm > cytoskeleton > centrosome. Chromosome > centromere > kinetochore. Nucleus. Cytoplasm > cytoskeleton > spindle pole. Localizes to the nucleus in interphase and to the kinetochore in early prometaphase. Relocalizes to the mitotic spindle pole before metaphase and is subsequently lost from the spindle poles after chromosome congression is completed. Removal of this protein from the kinetochore requires the dynein/dynactin complex.

图片



Anti-Spindly antibody (ab76670) at 1 µg/ml + Recombinant tagged full length human CCDC99 at 0.2 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/5000 dilution

Predicted band size: 70 kDa

Observed band size: 93 kDa

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

Western blot against tagged recombinant protein immunogen.

Predicted band size of immunogen is 93kDa.

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