


Anti-KIF4A/KIF4 antibody ab72412

2 图像

概述

产品名称	Anti-KIF4A/KIF4抗体
描述	兔多克隆抗体to KIF4A/KIF4
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human 预测可用于: Horse, Cow, Pig, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human KIF4A/KIF4 (C terminal). Database link: NP_036442.3
阳性对照	HeLa and 293T whole cell lysates.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab72412 was affinity purified using an epitope specific to KIF4A/KIF4 immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab72412 于以下的经测试应用

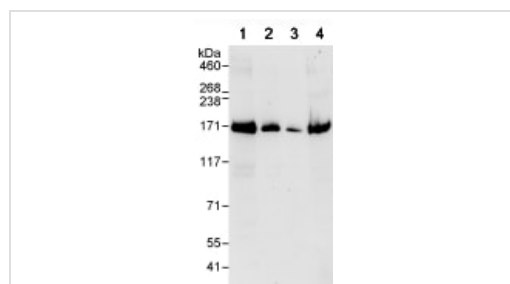
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Detects a band of approximately 170 kDa (predicted molecular weight: 140 kDa).
IP		Use at 2-5 µg/mg of lysate.

靶标

功能	Motor protein that translocates PRC1 to the plus ends of interdigitating spindle microtubules during the metaphase to anaphase transition, an essential step for the formation of an organized central spindle midzone and midbody and for successful cytokinesis. May play a role in mitotic chromosomal positioning and bipolar spindle stabilization.
组织特异性	Highly expressed in hematopoietic tissues, fetal liver, spleen, thymus and adult thymus and bone marrow. Lower levels are found in heart, testis, kidney, colon and lung.
序列相似性	Belongs to the kinesin-like protein family. Chromokinesin subfamily. Contains 1 kinesin-motor domain.
细胞定位	Nucleus matrix. Cytoplasm > cytoskeleton > spindle. Midbody. Chromosome. Not present in the nucleolus. In early mitosis, associated with the mitotic spindle, in anaphase, localized to the spindle midzone and, in telophase and cytokinesis, to the midbody. In late cytokinesis, found in the center of the midbody. Associated with chromosomes at all stages of mitosis.

图片



Western blot - Anti-KIF4A/KIF4 antibody (ab72412)

All lanes : Anti-KIF4A/KIF4 antibody (ab72412) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

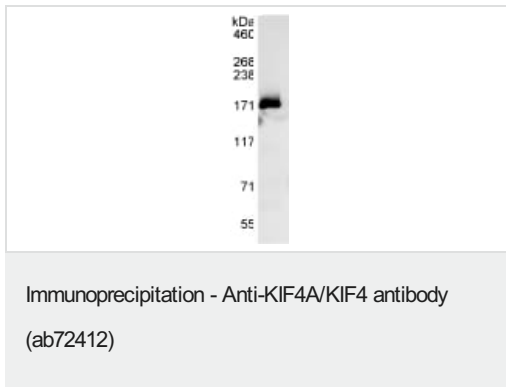
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Predicted band size: 140 kDa

Observed band size: 170 kDa

Exposure time: 30 seconds



Detection of KIF4A/KIF4 by Western Blot of Immunoprecipitate.
ab72412 at 1 µg/ml staining KIF4A/KIF4 in HeLa whole cell lysate immunoprecipitated using ab72412 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded).
Detection: Chemiluminescence with an exposure time of 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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