




Anti-Kif2a antibody ab3475

1 References

概述

产品名称	Anti-Kif2a抗体
描述	兔多克隆抗体to Kif2a
宿主	Rabbit
特异性	Detects Kinesin 2 (Kif2a) from mouse tissues.
经测试应用	适用于: WB
种属反应性	与反应: Mouse 预测可用于: Rat, Chicken, Cow, Human, Xenopus laevis, Orangutan 
免疫原	Synthetic peptide corresponding to Mouse Kif2a aa 1-11. Sequence: MVTSLNEDNES (Peptide available as ab4992)
	 Run BLAST with  Run BLAST with

常规说明

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.

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 99% PBS
纯度	Immunogen affinity purified
克隆	多克隆

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab3475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		Use at an assay dependent concentration. Predicted molecular weight: 79 kDa. This antibody detects a ~95 kDa protein representing KIF 2 from mouse brain homogenate.

靶标

功能	Plus end-directed microtubule-dependent motor required for normal brain development. May regulate microtubule dynamics during axonal growth. Required for normal progression through mitosis. Required for normal congress of chromosomes at the metaphase plate. Required for normal spindle dynamics during mitosis. Promotes spindle turnover. Implicated in formation of bipolar mitotic spindles. Has microtubule depolymerization activity.
序列相似性	Belongs to the kinesin-like protein family. MCAK/KIF2 subfamily. Contains 1 kinesin-motor domain.
细胞定位	Cytoplasm. Cytoplasm > cytoskeleton > centrosome. Cytoplasm > cytoskeleton > spindle pole. Cytoplasm > cytoskeleton > spindle. Localized to the spindle microtubules and spindle poles from prophase to metaphase. Efficient targeting to spindle microtubules and spindle poles requires the kinase activity of PLK1. Recruited to mitotic spindles by interaction with PSRC1.

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