Kif2a regulates spindle organization and cell cycle progression in meiotic oocytes

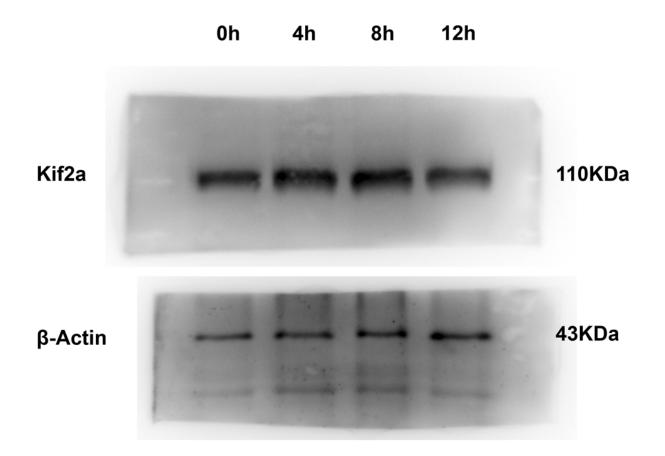
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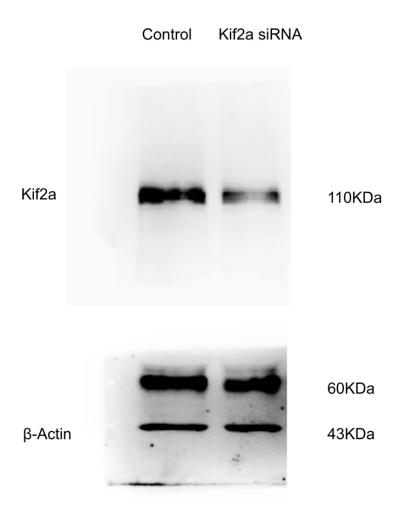
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Supplementary Information:



Supplementary Figure 1. Expression and subcellular localization of Kif2a during mouse oocyte meiotic maturation. Oocytes were collected after culture for 0, 4, 8, 12h, corresponding to the GV, Pro-M I, M I and M II stages, respectively. The molecular weight of Kif2a and β -actin were 110kDa and 43kDa, respectively. Each sample contained 200 oocytes.



Supplementary Figure 2. Western blotting results for Kif2a after siRNA injection were Full-length gels. After microinjection of Kif2a or control siRNA , oocytes were incubated in M2 medium containing 100 μ m IBMX for 24h, then washed 5 times and placed in IBMX-free M2 medium for 8h, followed by Western blotting.