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KIF20B Rabbit pAb

货号: **AYP13890**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB IF/ICC
推荐浓度	WB: 1:200 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	59kDa/199kDa/206kDa/210kDa/214kDa
实测分子量	210kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-251MG,OVCAR3,293T,HT-29,NIH/3T3,Mouse brain,Rat brain
细胞定位	Cell projection,Cytoplasm,Midbody,Nucleus,axon,centrosome,cytoskeleton,growth cone,microtubule organizing center,nucleolus,nucleoplasm,spindle,spindle pole
纯化	Affinity purification

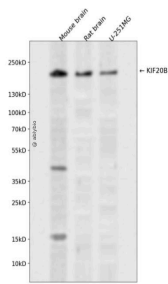
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1200-1500 of human KIF20B (NP_057279.2).
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靶点信息

研究背景	Plus-end-directed motor enzyme that is required for completion of cytokinesis. Required for proper midbody organization and abscission in polarized cortical stem cells. Plays a role in the regulation of neuronal polarization by mediating the transport of specific cargos. Participates in the mobilization of SHTN1 and in the accumulation of PIP3 in the growth cone of primary hippocampal neurons in a tubulin and actin-dependent manner. In the developing telencephalon, cooperates with SHTN1 to promote both the transition from the multipolar to the bipolar stage and the radial migration of cortical neurons from the ventricular zone toward the superficial layer of the neocortex. Involved in cerebral cortex growth (By similarity. Acts as an oncogene for promoting bladder cancer cells proliferation, apoptosis inhibition and carcinogenic progression.
基因ID	9585
基因名	KIF20B
Swiss	Q96Q89 (https://www.uniprot.org/uniprotkb/Q96Q89/entry)
别名	KIF20B,CT90,KRMP1,MPHOSPH1,MPP-1,MPP1,KIF20B Rabbit pAb,Cancer/testis antigen 90,Kinesin family member 20B,Kinesin-related motor interacting with PIN1,M-phase phosphoprotein 1

产品验证



Western blot analysis of KIF20B expressed in Mouse brain,Rat brain,U-251MG using KIF20B Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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