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Doublecortin Rabbit mAb

货号: AYM31249

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB FC
推荐浓度	**WB:** 1:500 - 1:2000 **FC:** 1:20 - 1:50
理论分子量	40kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y,Mouse spinal cord
细胞定位	Cell projection,Cytoplasm
纯化	Affinity purification

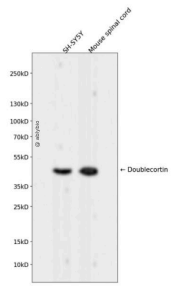
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Doublecortin.

靶点信息

研究背景	This gene encodes a member of the doublecortin family. The protein encoded by this gene is a cytoplasmic protein and contains two doublecortin domains, which bind microtubules. In the developing cortex, cortical neurons must migrate over long distances to reach the site of their final differentiation. The encoded protein appears to direct neuronal migration by regulating the organization and stability of microtubules. In addition, the encoded protein interacts with LIS1, the regulatory gamma subunit of platelet activating factor acetylhydrolase, and this interaction is important to proper microtubule function in the developing cortex. Mutations in this gene cause abnormal migration of neurons during development and disrupt the layering of the cortex, leading to epilepsy, mental retardation, subcortical band heterotopia ('double cortex' syndrome) in females and lissencephaly ('smooth brain' syndrome) in males. Multiple transcript variants encoding different isoforms have been found for this gene.
基因ID	1641
基因名	DCX
Swiss	O43602 (https://www.uniprot.org/uniprotkb/O43602/entry)
别名	Doublecortin,Doublecortin Rabbit mAb,DCX,Doublin,Lissencephalin-X,DBCN,LISX

产品验证



Western blot analysis of Doublecortin expressed in SH-SY5Y,Mouse spinal cord using Doublecortin Rabbit mAb 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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