

Doublecortin (Phospho Ser297) (4R1) Rabbit Monoclonal Antibody

Catalog# UZ-MA01442

Product information

产品货号	UZ-MA01442
别名	Dbct
产品名称	Doublecortin (Phospho Ser297) (4R1) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IP,IF-P
反应种属	Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic phosphopeptide corresponding to residues surrounding Ser297 of mouse Doublecortin
稀释度	WB 1:1000, IHC-P/IF-P 1:200-1:1000, IP 1:20-1:50
参考分子量	41kDa
预测分子量	41kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	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. Studies in knockout mice lacking this gene and the LIS1 gene suggest that the molecular interaction of these two genes is important in both in neuronal migration and neurogenesis, and there is a cortical role of this gene in nuclear translocation and positioning of the mitotic spindle in radial glial mitotic division. Multiple transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Sep 2010]
纯化	Affinity Purification
Uniprot ID	O88809
Clonality	Monoclonal