

Doublecortin (phospho-Ser297) rabbit pAb

Catalog_no :	AP1316
Applications :	WB
Reactivity :	Human,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	DCX DBCN LISX
Protein_name :	Doublecortin (Ser297)
Humangene_id	1641
:	
Humanswissprot	O43602
_no :	
Mousegene_id :	13193
Mouseswissprot	O88809
_no :	
Ratswissprot_no	Q9ESI7
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Immunogen :	Synthesized phosho peptide around human Doublecortin (Ser297)
Specificity :	This antibody detects endogenous levels of Human Rat Doublecortin (phospho-Ser297)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Other_name :	Neuronal migration protein doublecortin (Doublin) (Lissencephalin-X) (Lis-X)
Molecular	44KD
Weight :	

Background : doublecortin(DCX) Homo sapiens 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"
