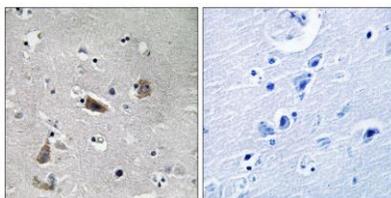


Doublecortin(Phospho-Ser415)Antibody [#8A8337]

Catalog Number:	8A8337
Concentration:	1mg/ml
Molecular Weight:	44 Kd
Origin of Antibody:	Rabbit
Swiss-Prot No.:	O43602
NCBI Gene Symbol:	DCX
Other Names:	DBCN; DCX; Doublin; Lis-X; Lissencephalin-X; LISX
All Sites:	H:S415 M:S339 R:S339
Storage/Stability:	Store at -20°C/1 year
Form of Antibody:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen:	The antiserum was produced against synthesized peptide derived from human Doublecortin around the phosphorylation site of Ser415.
Immunogen Range:	380-420
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Specificity:	Doublecortin (Phospho-Ser415) Antibody detects endogenous levels of Doublecortin only when phosphorylated at Ser415.
Reactivity:	Human, Mouse, Rat
Applications:	WB: 1:50~1:100 ELISA: 1:1000
References:	Kahn A., Cell 92:51-61(1998). Gleeson J.G., Cell 92:63-72(1998). Ross M.T., Nature 434:325-337(2005).

Application Images:

Figure1 (Imaging)



Immunohistochemistry analysis of paraffin-embedded human brain, using Doublecortin (Phospho-Ser415) Antibody. The picture on the right is blocked with the phospho peptide.