Datasheet for ABIN1532140

anti-Doublecortin antibody (pSer376)

1 Image

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Overview

Quantity:	100 µL
Target:	Doublecortin (DCX)
Binding Specificity:	AA 346-395, pSer376
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Doublecortin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Doublecortin around the phosphorylation site of Ser376.
Isotype:	IgG
Specificity:	Doublecortin (Phospho-Ser376) Antibody detects endogenous levels of Doublecortin only when phosphorylated at Ser376. PhosphorylationH:S376 M:S339 R:S339
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

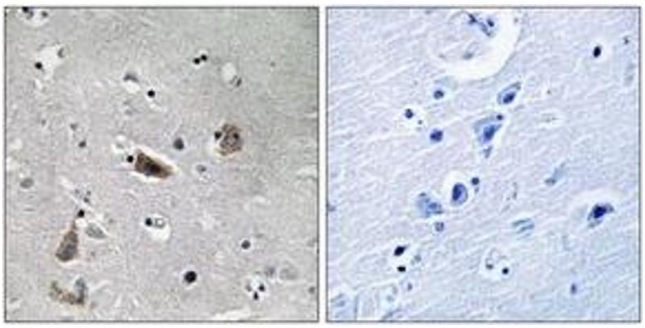
Target:	Doublecortin (DCX)
Alternative Name:	Doublecortin (DCX Products)
Background:	Synonyms: DBCN, DCX, Doublin, Lis-X, Lissencephalin-X, LISX NCBI Gene Symbol: DCX
Molecular Weight:	44 kDa
Gene ID:	1641
OMIM:	300067
UniProt:	O43602

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.34780 (NCBI Gene Symbol: DCX)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain, using Doublecortin (Phospho-Ser376) Antibody. The picture on the right is treated with the synthesized peptide.