

# Product Datasheet

## Doublecortin Antibody (1G12) - Azide and BSA Free H00001641-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00001641-M01**

Doublecortin Antibody (1G12) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G12
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

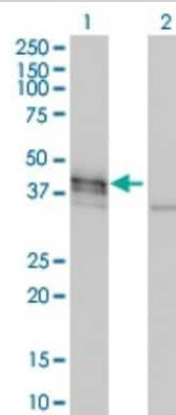
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1641
Gene Symbol	DCX
Species	Human, Rat
Marker	Immature Neuronal Marker
Specificity/Sensitivity	DCX - doublecortex; lissencephaly, X-linked (doublecortin)
Immunogen	DCX (AAH27925, 1 a.a. ~ 360 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MELDFGHFDERDKTSRNMGRSRMNGLPSPTHSAHCSFYRTRTLQALSNEKKA KKVRFYRNGDRYFKGIVYAVSSDRFRSFDALLADLTRSLSDNINLPQGVRYIYTI DGSRKIGSMDELEEGESYVCSSDNFFKVEYTKNVNPNWSVNVKTSANMKAP QSLASSNSAQARENKDFVRPKLVTIIRSGVKPRKAVRVLLNKKTAHSFEQVLTDI TEAIKLETGVVKKLYTLDGKQVTCCLHDFGDDVFIACGPEKFRYAQDDFSLDE NECRMKGNPSATAGPKASPTPQKTSKSPGPMRRSKSPADSANGTSSSQLS TPKSKQSPISTPTSPGSLRKHKDLYLPLSLDDSDSLGDSM
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has also been used for IF and ELISA.

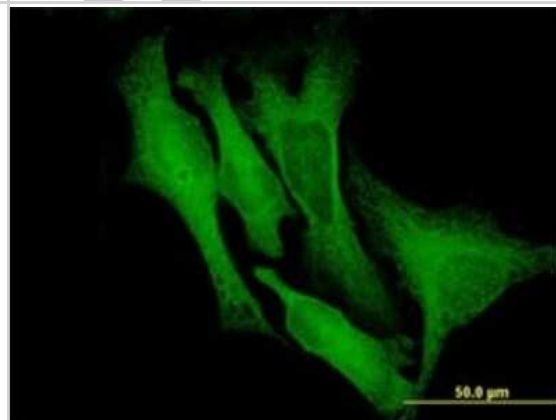


## Images

Western Blot: Doublecortin Antibody (1G12) [H00001641-M01] - Analysis of DCX expression in transfected 293T cell line by DCX monoclonal antibody (M01), clone 1G12. Lane 1: DCX transfected lysate (41.4 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: Doublecortin Antibody (1G12) [H00001641-M01] - Analysis of monoclonal antibody to DCX on HeLa cell . Antibody concentration 10 ug/ml.



## Publications

Jiang L, Brackeva B, Stangel G et al. LC-MS/MS identification of doublecortin as abundant beta cell-selective protein discharged by damaged beta cells in vitro. J Proteomics. 2013-01-19 [PMID: 23337804]



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### **Products Related to H00001641-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00001641-P01-10ug	Recombinant Human Doublecortin GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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