

Datasheet for ABIN5540930 **anti-Doublecortin antibody**



[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	Doublecortin (DCX)
Reactivity:	Human, Mouse
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This Doublecortin antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Chickens were immunized with two synthetic peptide / keyhole limpet hemocyanin (KLH) conjugates. Production: These synthetic peptides corresponded to different regions of the Doublecortin gene product, but are shared between the Human (CAA06617.1, NCBI) and Mouse (AAT58219.1, NCBI) sequences. After repeated injections, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity-purified using a peptide column, and the concentrations of the eluates adjusted to 0.2 mg/ml. Finally, equal volumes of these affinity-purified anti-peptide antibodies were mixed, and the preparation was filter-sterilized.
Isotype:	Ig Fraction
Purification:	Affinity Chromatography

Target Details

Target:	Doublecortin (DCX)
Alternative Name:	doublecortin (DCX Products)
UniProt:	O43602

Application Details

Application Notes:	Immunofluorescence/ Immunocytochemistry. Immunohistochemistry. Quality Control: This anti-peptide antibody mixture was validated by Immunohistochemistry (at a concentration of 2 µg/mL) using Fluorescein Conjugated Affinity-purified Goat anti-Chicken IgY antibody (Cat.-No AP31795FCN, 1/5000 dilution) as a secondary antibody. Recommended Dilutions : 1/1000-1/2000 for Immunohistochemistry and Immunocytochemistry using 2 % paraformaldehyde-fixed tissues or cells.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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:	4 °C
Storage Comment:	Store undiluted at 2-8°C. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
Expiry Date:	12 months